For Research Use Only

## SSTR2 Polyclonal antibody

Catalog Number:20404-1-AP 2 Publications

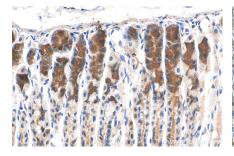


| Inc., IF/ICC, EUAA   IHC: imouse pancreas tissue, human pancreas     Cited Applications:   IHC: IF     Species Specificity:   IF/ICC : Neuro-2a cells,     Numan, mouse   Cited Species:     Numan, mouse   Note-IHC: suggested antigen retrieval with     TE buffer pH 9.0; (*) Alternatively, antigen   retrieval may be performed with citrate     buffer pH 9.0; (*) Alternatively, antigen   retrieval may be performed with citrate     buffer pH 6.0   Somatostatin receptor 2 (SSTR2) is a G-protein coupled membrane receptor expressed in a variety of neur     Background Information   Somatostatin receptor 2 (SSTR2) is a G-protein coupled membrane receptor expressed in a variety of neur     Nets, SSTR2 immunostarining can be detection of SSTR2 expression has both diagnostic and therapeutic potential. Be   Nets, SSTR2 immunostarining can be detected in other types of tumor cells(PMID:23/286053). Moreover, SS     Notable Publications   Author   Pubmed ID   Journal   Application     Storage   Storage:   Storage   Storage   Storage   Storage     Storage   Storage   Storage   Storage   Storage   Storage Buffer:  | Basic Information      | Catalog Number:<br>20404-1-AP   | GenBank Accession Number:<br>BC019610 |   | Purification Method:<br>Antigen affinity purification |             |  |
|---|------------------------|---|---------------------------------------|---|---|-------------|--|
| Nanodrop:   UNIRCOTID:   IF/ICC 1:200-1:800     Source:   P30874     Rabbit   Full Name:     Isotype:   somatostatin receptor 2     IgG   Calculated MW:     Immunogen Catalog Number:   369 aa, 41 kDa     AG14205   HC: Incuse pancreas tissue, human pancrea     Cited Applications:   Positive Controls:     HC, IF/ICC, EUSA   IHC: Incuse pancreas tissue, human pancrea     Cited Applications:   Positive Controls:     HC, IF   Species Specificity:     human, mouse   IF/ICC : suggested antigen retrieval with     TE buffer pH 9.6.0   Somatostatin receptor 2 (SSTR2) is a C-protein coupled membrane receptor expressed in a variety of neuronevertive and may be performed with citrate     buffer pH 6.0   Somatostatin receptor 2 (SSTR2) is a C-protein coupled membrane receptor respressed in a variety of neuronevertive and may be performed with citrate     buffer pH 6.0   Somatostatin receptor 2 (SSTR2) is a C-protein coupled membrane receptor respressed in a variety of neuronevertive and may be performed with citrate     buffer pH 6.0   Somatostatin receptor 2 (SSTR2) is a C-protein coupled membrane receptor responses of in a variety of neuronevertive and may be performed with citrate     buffer pH 0.0   Somatostatin receptor 2 (SSTR2) is a C-protein coupled membrane receptor respressed in a var   |                        |   | 6752<br>UNIPROT ID:                   |   | Recommended Dilutions:                                |             |  |
| Source:   P30874     Rabbit   Full Name:     Issyppe:   somatostatin receptor 2     IgG   Catadated MW:     Immunogen Catalog Number:   369 aa, 41 kDa     AG14205   HC, FI/CC, EUSA     HC, FI/CC, EUSA   HC : mouse pancreas tissue, human pancreat     Cited Applications:   HC, Er mouse pancreas tissue, human pancreat     Cited Applications:   HC, C: mouse pancreas tissue, human pancreat     Cited Applications:   HC, C: mouse pancreas tissue, human pancreat     Cited Applications:   HC, C: mouse pancreas tissue, human pancreat     Species Specificity:   human, mouse     Cited Species:   human, mouse     Somatostatin receptor 2 (SSTR2) is a G-protein coupled membrane receptor supressed in a variety of neur     Background Information   Somatostatin receptor 2 (SSTR2) is a G-protein coupled membrane receptor supressed in a variety of neur     Biffer pH 6.0   Somatostatin receptor 2 (SSTR2) is a G-protein coupled membrane receptor supressed in a variety of neur     Background Information   Somatostatin receptor 2 (SSTR2) is a G-protein coupled membrane receptor supressed in a variety of neur     BNET, SSTR2 immunostaining can be detected in other types of tumor cells(PMD/3276003). Moreover, SS     MOREMULTIS3929681). SSTR2 has 2 isoforms with the MW of 0   |                        | Nanodrop;<br>Source:<br>Rabbit<br>Isotype:  |                                       |   |   |             |  |
| Isotype:   somatostatin receptor 2     IgG   Calculated MW:     Immunogen Catalog Number:   369 aa. 41 kDa     AG14205   HC, IFICC, EUSA     IHC, IFICC, EUSA   IHC: mouse pancreas tissue, human pancreations:     IHC, IF   Species Specificity:     human, mouse   IF/ICC: Neuro-2a cells,     Cited Applications:   IF/ICC: Neuro-2a cells,     Note-IHC: suggested antigen retrieval with<br>TE buffer pH 6.0   IF/ICC: Neuro-2a cells,     Background Information   Somatostatin receptor 2 (SSTR2) is a C-protein coupled membrane receptor expressed in a variety of neuronomy be performed with citrate buffer pH 6.0     Background Information   Somatostatin receptor 2 (SSTR2) is a C-protein coupled membrane receptor expressed in a variety of neuronomy be performed with citrate buffer pH 6.0     Background Information   Somatostatin receptor 2 (SSTR2) is a C-protein coupled membrane receptor expressed in a variety of neuronomy expressed, in detection of SSTR2 expression has both diagnostic and therapeutic potential. Be buffer pH 6.0     Background Information   Martine detection of SSTR2 expression has both diagnostic and therapeutic potential. Be buffer: pH 6.0     Notable Publications   Author   Pubmed ID   Journal   Application detection of Application deteremation of Application detection of Applicat   |                        |   |                                       |   |   |             |  |
| IgG   Calculated MW:<br>369 as, 41 KDa     Applications   Tested Applications:<br>IHC, IF/ICC, ELISA     Cited Applications:<br>IHC, IF/ICC, ELISA   HIC: mouse pancreas tissue, human pancrea<br>human kidney tissue, mouse stomach tissue     Species Specificity:<br>human, mouse   IF/ICC: Neuro-2a cells,     Note-IHC: suggested antigen retrieval with<br>TE buffer pH 9.0; (*) Alternatively, antigen<br>retrieval may be performed with citrate<br>buffer pH 6.0   IF/ICC: Neuro-2a cells,     Background Information   Somatostatin receptor 2 (SSTR2) is a G-protein coupled membrane receptor expressed in a variety of neuro<br>neuroscretory tissue types. In neuroendocrine tumors (NETs), in which Somatostatin receptors (SSTR8) an<br>commonly expressed, the detection of SSTR2 expression has both diagnostic and therapeutic potential. Exp<br>and therapy in this disease. More generally, SSTR2 may be anotisstatin receptors (SSTR8) an<br>a dremapy in this disease. More generally, SSTR2 may be anotisstatin receptors (SSTR8) an<br>a dremapy in this disease. More generally, SSTR2 may be anotisstatin receptors (SSTR8) an<br>a dremapy in this disease. More generally, STR2 may be anotisstatin analog base<br>and therapy in this disease. More generally, STR2 may be anotisstatin analog base<br>and therapy in this disease. More generally, STR2 may be anotisstatin analog base<br>and therapy in this disease. More generally, STR2 may be anotisstation and the detection<br>ONE(PMID:33929681). SSTR2 has 2 isoforms with the MW of 40-41 kDa.     Notable Publications   Author   Pubmed 1D   Journal   Applicat<br>isomape buffer.     Storage:   Storage:<br>Storage Euffer.   Storage buffer.   Storage buffer. <td colspan="3"></td> <td></td> |                        |   |                                       |   |   |             |  |
| Applications   Tested Applications:   Positive Controls:     HC, IF/ICC, EUSA   HC: NOUSE pances tissue, human pances     Cited Applications:   HC: nouse pances tissue, human pances     HC, IF   Species     Juman, mouse   Cited Species:     Juman, mouse   Cited Species:     Juman, mouse   Cited Species:     Juman, mouse   Somatostatin receptor 2 (SSTR2) is a G-protein coupled membrane receptor expressed in a variety of neur     Background Information   Somatostatin receptor 2 (SSTR2) is a G-protein coupled membrane receptor expressed in a variety of neur     Background Information   Somatostatin receptor 2 (SSTR2) is a G-protein coupled membrane receptor expressed in a variety of neur     Notable Publications:   Nets. HC: suggested antigen retrieval with fit suggesting a role for somatostatin-receptors (SSTR3) and mound of the superson has bottom cells(PMID33786053). Moreover, SS consistently expressed in a log suggesting a role for somatostatin-manlog base and therapy in this disease. More generally, STR2 may be another marker of neuroendocrine differentiation ONRPMID339296631. SSTR2 has 2 isoforms with the MW of 40-41 kDa.     Notable Publications:   Liter     Eva-Maria Klebermass   36930760   Appl Radiat lsot   HC     Jaemyung Jang   37667395   Acta Neuropathol Commun   IF     Storage:   Storage: <td< td=""><td></td><td>·</td><td></td><td></td></td<>   |                        |   |                                       | ·   |   |             |  |
| AG14205     Applications     IHC, IF/ICC, EUSA     Cited Applications:     IHC, IF     Species Specificity:     human, mouse     Cited Species:     human, mouse     Cited Species:     human, mouse     Cited Species:     human, mouse     Somatostatin receptor 2 (SSTR2) is a G-protein coupled membrane receptor expressed in a variety of neuroneodocrine tumors (NETs), in which Somatostatin receptors (SSTR2) is a G-protein coupled membrane receptor expressed in a variety of neuroneomorine tumors (NETs), in which Somatostatin receptors (SSTR2) is a G-protein coupled membrane receptor expressed in a variety of neuroneomorine tumors (NETs), in which Somatostatin receptors (SSTR2) is a G-protein coupled membrane receptor expressed in a variety of neuroneomorine tumors (NETs), in which Somatostatin receptors (SSTR2) is a G-protein coupled membrane receptor expressed in a variety of neuroneomorine tumors (NETs), in which Somatostatin receptors (SSTR2) is a G-protein coupled membrane receptor expressed in a variety of neuroneomorine tumors (NETs), in which Somatostatin-naclog base and theraput (pressed, the detection of SSTR2 expression has both diagnostic and theraput (protential. B     Notable Publications   Author   Pubmed ID   Journal   Applicat     Notable Publications   Author   Pubmed ID   Journal   Applicat     Jaemyung Jang   37667395   Acta Neuropathol Commun   IF  |                        | •   |                                       |   |   |             |  |
| Inc., IPTICC, EDDA   IHC: Impact Number 2014     Inc., IPTICC, EDDA   IHC: Impact Number 2014     Cited Applications:   IHC: Impact Number 2014     IHC, IF   IFTICC : Neuro-2a cells,     Species Specificity:   Imman, mouse     Cited Species:   Imman, mouse     Note-IHC: suggested antigen retrieval with   IFE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0     Background Information   Somatostatin receptor 2 (SSTR2) is a G-protein coupled membrane receptor expressed in a variety of neur neurosecretory tissue types. In neuroendocrine tumors (NETS), in which Somatostatin receptors (SSTR3) an neuroendocrine tumors (NETS), in which Somatostatin receptors (SSTR3) an neurosecretory tissue types. In neurosendocrine tumors (NETS), in which Somatostatin receptors (SSTR3) an neurosecretory tissue types. In neurosendocrine tumors (NETS), in which Somatostatin analog base and therapeutic potential. Be NETS, SSTR2 immunosaining can be detected in other types of tumor cells(PMID:23/R6053). Moreover, SS consistently expressed in Olfactory neuroblastoma (ONB) suggesting a role for somatostatin-analog base and therapeutic in ONB(PMID:33929681). SSTR2 has 2 isoforms with the MW of 40-41 kDa.     Notable Publications   Author   Pubmed ID   Journal   Application     Storage   Storage:   Storage   Storage Buffer:   PS with 002% sodium axide and 50% glycerol PH 7.3.   |                        |   |                                       |   |   |             |  |
| INC. IPICC, EDSA   IHC, IF     Cited Applications:   IHC, IF     Species Specificity:   IF/ICC : Neuro-2a cells,     Numan, mouse   IF/ICC : Neuro-2a cells,     Note-IHC:   suggested antigen retrieval with     TE buffer pH 9.0; (*) Alternatively, antigen   retrieval may be performed with citrate     buffer pH 6.0   Somatostatin receptor 2 (SSTR2) is a G-protein coupled membrane receptor expressed in a variety of neur     Background Information   Somatostatin receptor 2 (SSTR2) is a G-protein coupled membrane receptor expressed in a variety of neur     neurosecretory tissue types. In neuroendocrine tumors (NETS), in which Somatostatin receptors (SSTR3) and commonstanting can be detected in other types of tumor cells(PMID:34786033). Moreover, SS consistently expressed, the detection of SSTR2 expression has both diagnostic and therapeutic potential. B     Notable Publications   Author   Pubmed ID   Journal   Application     Notable Publications   Author   Pubmed ID   Journal   Application     Storage:   Storage:   Storage:   Storage:   Storage Buffer:     Storage:   Storage Buffer:   PB with 002% sodium azide and 50% giycerol pH 7.3.   IHC  | Applications           | 1 C C C C C C C C C C C C C C C C C C C   | Positive Co                           | Positive Controls:                                |   |             |  |
| IHC, IF   IF/ICC: Neuro-2a cells,     Species Specificity:   human, mouse     Cited Species:   human, mouse     Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0   buffer pH 6.0     Background Information   Somatostatin receptor 2 (SSTR2) is a G-protein coupled membrane receptor expressed in a variety of neuroendocrine tumors (NETs), in which Somatostatin receptors (SSTR2) are composition has both diagnostic and therapeutic potential. Be NETs, SSTR2 immunostaining can be detected in other types of tumor cells(PMID:34786053). Moreover, SS consistently expressed in 01factory neuroblastoma (ONB) suggesting a role for somatostatin-analog base and therapeut for bidisease. More generally, SSTR2 may be another marker of neuroendocrine differentiati ONB(PMID:33929681). SSTR2 has 2 isoforms with the MW of 40-41 kDa.     Notable Publications   Author   Pubmed ID   Journal   Applicat     Storage:   Storage:   Storage:   Storage Buffer:   Storage Buffer:     PBS with 0.02% sodium azide and 50% glycerol pH 7.3.   PMS with 0.02% sodium azide and 50% glycerol pH 7.3.   PM and PL 3.0  |                        |   |                                       | IHC : mouse pancreas tissue, human pancreas tissu |   |             |  |
| Species Specificity:     human, mouse     Cited Species:     human, mouse     Note-IHC: suggested antigen retrieval with     TE buffer pH 9.0; (*) Alternatively, antigen     retrieval may be performed with citrate     buffer pH 6.0     Background Information     Somatostatin receptor 2 (SSTR2) is a G-protein coupled membrane receptor expressed in a variety of neur     neurosecretory tissue types. In neuroendocrine tumors (NETs), in which Somatostatin receptors (SSTRs) an     commonly expressed, the detection of SSTR2 expression has both diagnostic and therapeutic potential. Be     NETs, SSTR2 immunostaining can be detected in other types of tumor cells(PMID:34786053). Moreover, SS     consistently expressed in Olfactory neuroblastoma (ONB) suggesting a role for somatostatin-analog base     and therapy in this disease. More generally, SSTR2 may be another marker of neuroendocrine differentiati     ONE(PMID:33929681). SSTR2 has 2 isoforms with the MW of 40-41 kDa.     Notable Publications     Author   Pubmed ID   Journal   Applicat     Izemyung Jang   37667395   Acta Neuropathol Commun   IF     Storage   Storage Buffer:   Storage Buffer:   PdS with 0.02% sodium azide and 50% glycerol pH 7.3.  |                        |   |                                       |   | •   |             |  |
| human, mouse     Note-IHC: suggested antigen retrieval with<br>TE buffer pH 9.0; (*) Alternatively, antigen<br>retrieval may be performed with citrate<br>buffer pH 6.0     Background Information     Somatostatin receptor 2 (SSTR2) is a G-protein coupled membrane receptor expressed in a variety of neur<br>neurosecretory tissue types. In neuroendocrine tumors (NETs), in which Somatostatin receptors (SSTRs) an<br>commonly expressed, the detection of SSTR2 expression has both diagnostic and therapeutic potential. Be<br>NETs, SSTR2 immunostaining can be detected in other types of tumor cells(PMID:34786053). Moreover, SS<br>consistently expressed in Olfactory neuroblastoma (ONB) suggesting a role for somatostatin-analog base<br>and therapy in this disease. More generally, SSTR2 may be another marker of neuroendocrine differentiati<br>ONB(PMID:33929681). SSTR2 has 2 isoforms with the MW of 40-41 kDa.     Notable Publications   Author   Pubmed ID   Journal   Applicat     Eva-Maria Klebermass   36030760   Appl Radiat Isot   IHC     Jaemyung Jang   37667395   Acta Neuropathol Commun   IF     Storage:   Storage:   Storage:   Storage:   Storage:     Storage Buffer:   PBS with 0.02% sodium azide and 50% glycerol pH 7.3.   BS with 0.02% sodium azide and 50% glycerol pH 7.3.  |                        |   | IF/ICC : Neuro-2a cells,              |   |   |             |  |
| TE buffer pH 9.0; (*) Alternatively, antigen     retrieval may be performed with citrate     buffer pH 6.0     Background Information     Somatostatin receptor 2 (SSTR2) is a G-protein coupled membrane receptor expressed in a variety of neur     neurosecretory tissue types. In neurondocrine tumors (NETs), in which Somatostatin receptors (SSTRs) an     commonly expressed, the detection of SSTR2 expression has both diagnostic and therapeutic potential. Be     NETs, SSTR2 immunostaining can be detected in other types of tumor cells(PMID:34786053). Moreover, SS     consistently expressed in Olfactory neuroblastoma (ONB) suggesting a role for somatostatin-analog base     and therapy in this disease. More generally, SSTR2 may be another marker of neuroendocrine diferentiati     ONB(PMID:337929681). SSTR2 has 2 isoforms with the MW of 40-41 kDa.     Notable Publications     Author   Pubmed ID   Journal   Applicat     Eva-Maria Klebermass   36030760   Appl Radiat Isot   IHC     Jaemyung Jang   37667395   Acta Neuropathol Commun   IF     Storage:   Storage Wiffer:   PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  |                        | human, mouse<br>Note-IHC: suggested antigen retrieval with<br>TE buffer pH 9.0; (*) Alternatively, antigen<br>retrieval may be performed with citrate   |                                       |   |   |             |  |
| Storage   Storage:     Storage   Storage:     Storage   Storage:     Storage   Storage:     Storage Buffer:   PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  |                        |   |                                       |   |   |             |  |
| Eva-Maria Klebermass   36030760   Appl Radiat Isot   IHC     Jaemyung Jang   37667395   Acta Neuropathol Commun   IF     Storage:   Storage:   Storage and 50% glycerol pH 7.3.   | Background Information | Somatostatin receptor 2 (SSTR2) is a G-protein coupled membrane receptor expressed in a variety of neural and<br>neurosecretory tissue types. In neuroendocrine tumors (NETs), in which Somatostatin receptors (SSTRs) are<br>commonly expressed, the detection of SSTR2 expression has both diagnostic and therapeutic potential. Besides<br>NETs, SSTR2 immunostaining can be detected in other types of tumor cells(PMID:34786053). Moreover, SSTR2 is<br>consistently expressed in Olfactory neuroblastoma (ONB) suggesting a role for somatostatin-analog based imag<br>and therapy in this disease. More generally, SSTR2 may be another marker of neuroendocrine diferentiation in<br>ONB(PMID:33929681). SSTR2 has 2 isoforms with the MW of 40-41 kDa. |                                       |   |   |             |  |
| Jaemyung Jang 37667395 Acta Neuropathol Commun IF   Storage: Storage: Storage at -20°C. Stable for one year after shipment.   Storage Buffer: PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  |                        |   |                                       |   |   |             |  |
| Storage:     Storage at -20°C. Stable for one year after shipment.     Storage Buffer:     PBS with 0.02% sodium azide and 50% glycerol pH 7.3.   | Notable Publications   | Author Pu   | bmed ID                               | Journal   |   | Application |  |
| Store at -20°C. Stable for one year after shipment.     Storage Buffer:     PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  | Notable Publications   |   |                                       |   |   |             |  |
|   | Notable Publications   | Eva-Maria Klebermass 36   | 030760                                | Appl Radiat Isot                                  | Commun  | IHC         |  |
| Aliquoting is unnecessary for -20°C storage   |                        | Eva-Maria Klebermass   36     Jaemyung Jang   37     Storage:   37     Storage Buffer:   36   | 030760<br>1667395<br>ter shipment.    | Appl Radiat Isot<br>Acta Neuropathol C            | Commun  | IHC         |  |

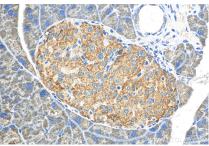
For technical support and original validation data for this product please contact: T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free E: proteintech@ptglab.com in USA), or 1(312) 455-8498 (outside USA) W: ptglab.com

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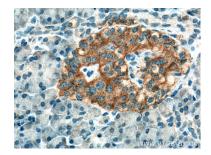
## **Selected Validation Data**



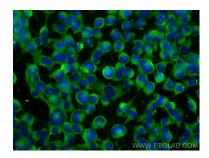
Immunohistochemical analysis of paraffinembedded mouse stomach tissue slide using 20404-1-AP (SSTR2 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffinembedded mouse pancreas tissue slide using 20404-1-AP (SSTR2 antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffinembedded human pancreas tissue slide using 20404-1-AP (SSTR2 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed Neuro-2a cells using SSTR2 antibody (20404-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2).