For Research Use Only

GPR116 Polyclonal antibody

Catalog Number: 14047-1-AP 3 Publications



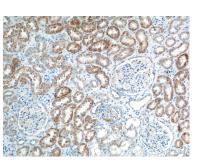
| Size: GenelD (NCB)): Recommended Dilutions: 150u1, Concentration: 300 ug/ml by Bradford 221395 WB 1:500-1:000 Nanodrop and 253 ug/ml by Bradford UNIPROT ID: UNIPCT ID: Source: Full Name: Babbit G protein-coupled receptor 116 Isotype: Calculated MV: IgG IgG as 1.49 kDa Immunogen Catalog Number: Observed MV: AG5214 149 kDa Applications: WB :HC, ELISA WB :HEK-293 cells, HeLa cells, Y79 cells Cited Applications: WB :HC Species Specificity: Numan Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval with Citrate Duffer pH 9.0; (*) Alternatively, antigen retrieval with citrate Background Information GPR116 (ADGRFS, adhesion G protein-coupled receptor FS) is involved in the G protein-coupled receptor signaling pathway may act upstream of or within several processes, includ glomerular filtration; pharyngeal arch artery morphogenesis; and surfactant homeostasis. | Basic Information | Catalog Number: 14047-1-AP | GenBank Accession Number: BC066121 | Purification Method: Antigen affinity purification |
|--|------------------------|--|--|--|
| 1504. Concentration: 300 ug/ml by 221395 WB 1:500-1:100 Nanodrop and 253 ug/ml by Bradford UNIPOT ID: IHC 1:50-1:500 method using BSA as the standard: QB/Z 2 Source: Full Name: Rabbit C protein-coupled receptor 116 Isotype: C claudared MW: IgG 1346 aa, 149 kDa Immunogen Catalog Number: Observed MW: AG5214 149 kDa Npplications: WB: HEK-293 cells, HeLa cells, Y79 cells Cited Applications: WB: HEK-293 cells, HeLa cells, Y79 cells Cited Applications: WB: HEK-293 cells, HeLa cells, Y79 cells Mg, HC Species Specificity: HHC: human Cited Species: HHC: human Cleted Species: Human Coted Species: buffer pH 6.0 GR116 (ADCRF 5, adhesion G protein-coupled receptor F5) is involved in the C protein-coupled receptor signaling pathway, may act upstream of or within several processes, includ glomerular filtration; pharyngeal arch artery morphogenesis; and suffact ant homeostasis. Notable Publications: Nuthor Pubmed ID Journal Application Ii Yang 28624786 Oncotarget WB.HC Ginny Xiaohe Li 39703764 Cell Rep Med HC Ginny Xiaohe Li 39703764 Cell Rep Med | | | | c 1 |
| method using BSA as the standart: QBZP2 Source: Full Name: Rabbit G protein-coupled receptor 116 Isotype: Calculated MV: IgG 1346 aa, 149 KDa Immunogen Catalog Number: Observed MV: AG5214 149 KDa Npplications: Positive Controls: WB, IHC, EUSA WB: HEK-293 cells, HeLa cells, V79 cells Cited Applications: HC: human kidney tissue, Species Specificity: Human Numan Cited Species: Numan Cited Species: Numan GPR116 (ADGRF 5, adhesion G protein-coupled receptor F5) is involved in the G protein-coupled receptor signaling pathway and zell surface receptor signaling pathway, may act upstream of or within several processes, include glomerular filtration; pharyngeal arch artery morphogenesis; and surfactant homeostasis. Notable Publications Author Pubmed ID Journal Application Ii Yang 28624786 Oncotarget WB,IHC Tian Zheng 35049225 Medicine (Baltimore) IHC Ginny Xiaohe Li 38703764 Cell Rep Med IHC | | | | |
| Rabbit Grotein-coupled receptor 116 Isotype: Calculated MW: IgG 1364 as, 149 kDa Immunogen Catalog Number: Observed MW: Ac5214 149 kDa Applications: WB: HEK-293 cells, Hela cells, Y79 cells Cited Applications: WB: HEK-293 cells, Hela cells, Y79 cells WB, HC, ELISA WB: HEK-293 cells, Hela cells, Y79 cells Cited Applications: WB: HC Species Specificity: Human Numan Cited Species: Numan Note-HFC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval with retraively and cell surface receptor signing retrieval may be performed with citrate buffer pH 6.0 Background Information GPR116 (ADGRF5, adhesion G protein-coupled receptor F5) is involved in the G protein-coupled receptor signing patiway and cell surface receptor signing patiway and cell surface receptor signing patiway, may act upstream of or within several processes, includ giomerular filtration; pharyngeal arch artery morphogenesis; and surfactant homeostasis. Notable Publications Author Pubmed ID Journal Application Li Yang 28624786 Oncotarget WB;HC WB;HC Tian Zheng 35049225 Medicine (Baltimore) HC | | | UNIT KUT ID. | IHC 1:50-1:500 |
| Storpe: Cloudent-coupled Piceptor 119 IgG 1366 aa, 149 kDa Immunogen Catalog Number: Observed MV: 149 kDa AG5214 149 kDa Applications: WB; HC, EUSA WB; HC, EUSA WB; HEC:323 cells, HeLa cells, Y79 cells Species Specificity: human HC : human kidney tissue, Species Specificity: human 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 CPR116 (ADGRF5, adhesion G protein-coupled receptor F5) is involved in the G protein-coupled receptor signaling pathway, may act upstream of or within several processes, inclue glomerular filtration; pharyngeal arch artery morphogenesis; and surfactant homeostasis. Notable Publications Author Pubmed ID Journal Application WB;HC Ginny Xiaohe Li 38703764 Cell Rep Med HC Storage: Storage: Storage: Storage: | | | Full Name: | |
| IgG 1346 aa, 149 kDa Immunogen Catalog Number: Observed MW: AG5214 149 kDa Applications Positive Controls: WB, IHC, EUSA WB: HEK-293 cells, HeLa cells, Y79 cells Cited Applications: WB: HEK-293 cells, HeLa cells, Y79 cells WB, IHC Species Specificity: human Cited Species: human Rote-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0 Background Information GRR116 (ADGRF5, adhesion G protein-coupled receptor F5) is involved in the G protein-coupled receptor signaling pathway.may act upstream of or within several processes, includ giomerular filtration; pharyngeal arch artery morphogenesis; and surfactant homeostasis. Notable Publications Author Pubmed ID Journal Application | | | G protein-coupled receptor 116 | 6 |
| Applications Tested Applications: WB, HC, EUSA Cited Applications: WB, HC, EUSA Cited Applications: WB, HC, EUSA Cited Applications: WB, HC Positive Controls: WB: HEK-293 cells, HeLa cells, V79 cells Cited Applications: WB, HC IHC: human kidney tissue, Species Specificity: human IHC: human kidney tissue, Cited Species: human Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0 GPR116 (ADGRF5, adhesion G protein-coupled receptor F5) is involved in the G protein-coupled receptor signa pathway and cell surface receptor signaling pathway, may act upstream of or within several processes, include glomerular filtration; pharyngeal arch artery morphogenesis; and surfactant homeostasis. Notable Publications Author Pubmed ID Journal Application WB, HC Tian Zheng 35049225 Medicine (Baltimore) IHC Cinny Xiaohe Li 38703764 Cell Rep Med IHC | | | | |
| AG5214 Description AG5214 149 kDa Applications Tested Applications: WB, IHC, EUSA Cited Applications: WB, IHC Positive Controls: WB: HEK-293 cells, HeLa cells, Y79 cells IHC : human kidney tissue, Species Specificity: human Cited Species: human IHC : human kidney tissue, Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0 Social cells of the c | | • | | |
| Wb, IRC, ELISA WB: HEK-293 cells, HeLa cells, Y79 cells Cited Applications: IHC : human kidney tissue, WB, IHC Species Specificity: Species Specificity: human Cited Species: human 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 GPR116 (ADGRF5, adhesion G protein-coupled receptor F5) is involved in the G protein-coupled receptor signaling pathway, may act upstream of or within several processes, inclue glomerular filtration; pharyngeal arch artery morphogenesis; and surfactant homeostasis. Notable Publications Author Pubmed ID Journal Application Ii Yang Storage Storage: Storage: Storage: Core Storage: Core Storage: Core | | U U | | |
| We, IRC, ELSA WB: HEK-293 cells, HeLa cells, Y79 cells Cited Applications: IHC : human kidney tissue, WB, IRC Species Specificity: human Cited Species: Cited Species: human Rote-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0 Background Information GPR116 (ADGRF5, adhesion G protein-coupled receptor F5) is involved in the G protein-coupled receptor signaling pathway, may act upstream of or within several processes, inclue glomerular filtration; pharyngeal arch artery morphogenesis; and surfactant homeostasis. Notable Publications Author Pubmed ID Journal Application UI Yang Value Tian Zheng 35049225 Medicine (Baltimore) IHC Ginny Xiaohe Li 38703764 Cell Rep Med IHC | Applications | Tested Applications: | Positiv | e Controls: |
| WB, IHC Species Specificity: Numan Cited Species: human Gited Species: human Cited Species: human Gited Species: human GPR116 (ADGRF 5, adhesion G protein-coupled receptor F5) is involved in the G protein-coupled receptor signaling pathway. may act upstream of or within several processes, inclue glomerular filtration; pharyngeal arch artery morphogenesis; and surfactant homeostasis. Notable Publications Author Pubmed ID Journal Application Li Yang 28624786 Oncotarget WB,IHC Tian Zheng 35049225 Medicine (Baltimore) IHC Ginny Xiaohe Li 38703764 Cell Rep Med IHC | | WB, IHC, ELISA | WB : HE | EK-293 cells, HeLa cells, Y79 cells |
| human Cited Species: human 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 GPR116 (ADGRF5, adhesion G protein-coupled receptor F5) is involved in the G protein-coupled receptor signal pathway and cell surface receptor signaling pathway. may act upstream of or within several processes, include glomerular filtration; pharyngeal arch artery morphogenesis; and surfactant homeostasis. Notable Publications Author Pubmed ID Journal Application Li Yang Application 11 Yang Storage: Storage: Storage: Storage: Storage: | | | IHC : hu | uman kidney tissue, |
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| PBS with 0.02% sodium azide and 50% glycerol pH 7.3. | | Note-IHC: suggested antigen raTE buffer pH 9.0; (*) Alternationretrieval may be performed webuffer pH 6.0GPR116 (ADGRF5, adhesion G proteinpathway and cell surface receptor sigglomerular filtration; pharyngeal archAuthorPubLi Yang286Tian Zheng350 | vely, antigen ith citrate -coupled receptor F5) is involve naling pathway. may act upstree h artery morphogenesis; and sur med ID Journal 24786 Oncotarget 49225 Medicine (Balting) | eam of or within several processes, including factant homeostasis. Application WB,IHC imore) IHC |
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| *** 20ul sizes contain 0.1% PSA | Notable Publications | Note-IHC: suggested antigen raTE buffer pH 9.0; (*) Alternativeretrieval may be performed webuffer pH 6.0GPR116 (ADGRF 5, adhesion G proteinpathway and cell surface receptor sigglomerular filtration; pharyngeal archAuthorPubLi Yang286Tian Zheng350Ginny Xiaohe Li387Storage:Storage:Storage Buffer:PBS with 0.02% sodium azide and 50 | vely, antigen ith citrate -coupled receptor F5) is involve naling pathway. may act upstre h artery morphogenesis; and sur med ID Journal 24786 Oncotarget 49225 Medicine (Balti 03764 Cell Rep Med er shipment. % glycerol pH 7.3. | eam of or within several processes, including factant homeostasis. Application WB,IHC imore) IHC |
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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

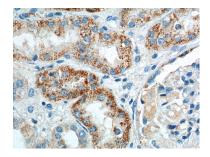
This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data





HEK-293 cells were subjected to SDS PAGE followed by western blot with 14047-1-AP (GPR116 Antibody) at dilution of 1:600 incubated at 4 degree celsius over night. Immunohistochemical analysis of paraffinembedded human kidney tissue slide using 14047-1-AP (GPR116 Antibody) at dilution of 1:100 (under 10x lens).



Immunohistochemical analysis of paraffinembedded human kidney tissue slide using 14047-1-AP (GPR116 Antibody) at dilution of 1:100 (under 40x lens).