

For Research Use Only

GOSR2/Membrin Polyclonal antibody

Catalog Number: 12095-1-AP

Featured Product

2 Publications



Basic Information

| | | |
|--|---|---|
| Catalog Number: 12095-1-AP | GenBank Accession Number: BC009710 | Purification Method: Antigen affinity purification |
| Size: 150ul, Concentration: 1000 ug/ml by Nanodrop and 333 ug/ml by Bradford method using BSA as the standard; | GeneID (NCBI): 9570 | Recommended Dilutions: WB 1:500-1:3000 IHC 1:200-1:800 IF/ICC 1:200-1:800 |
| Source: Rabbit | UNIPROT ID: O14653 | |
| Isotype: IgG | Full Name: golgi SNAP receptor complex member 2 | |
| Immunogen Catalog Number: AG2736 | Calculated MW: 212 aa, 25 kDa | |
| | Observed MW: 25 kDa | |

Applications

Tested Applications:
WB, IHC, IF/ICC, ELISA

Cited Applications:
WB

Species Specificity:
human, mouse, rat

Cited Species:
mouse

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB: Jurkat cells, human liver tissue, mouse liver tissue, mouse stomach tissue, LO2 cells, rat liver tissue

IHC: human stomach tissue,

IF/ICC: HeLa cells, HepG2 cells

Background Information

Golgi SNAP receptor complex member 2 (GOSR2), also known as GS27 or Membrin, is a member of the soluble NSF attachment protein receptor (SNARE) family of vesicle docking proteins. GOSR2 is localized in Golgi apparatus. It is involved in transport of proteins from the cis/medial-Golgi to the trans-Golgi network.

Notable Publications

| Author | Pubmed ID | Journal | Application |
|--------------|-----------|-------------|-------------|
| Xihua Yue | 34876695 | Commun Biol | WB |
| Ying Yue Xie | 35995799 | Nat Commun | WB |

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

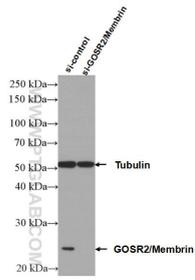
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

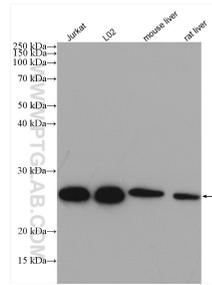
E: proteintech@ptglab.com
W: ptglab.com

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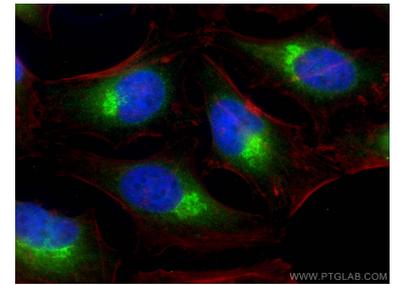
Selected Validation Data



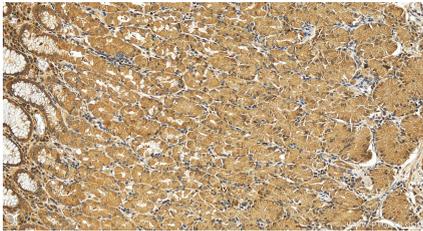
WB result of GOSR2/Membrin antibody (12095-1-AP; 1:5000; incubated at room temperature for 1.5 hours) with sh-Control and sh-GOSR2/Membrin transfected Jurkat cells.



Various lysates were subjected to SDS PAGE followed by western blot with 12095-1-AP (GOSR2/Membrin antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using GOSR2/Membrin antibody (12095-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-phalloidin (red).



Immunohistochemical analysis of paraffin-embedded human stomach tissue slide using 12095-1-AP (GOSR2/Membrin antibody) at dilution of 1:400 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).