

For Research Use Only

VPS28 Polyclonal antibody

Catalog Number: 15478-1-AP

Featured Product

4 Publications



Basic Information

Catalog Number:

15478-1-AP

Size:

500 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG7784

GenBank Accession Number:

BC006485

GeneID (NCBI):

51160

UNIPROT ID:

Q9UK41

Full Name:

vacuolar protein sorting 28 homolog
(S. cerevisiae)

Calculated MW:

25 kDa

Observed MW:

28-30 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IP 0.5-4.0 µg for 1.0-3.0 mg of total
protein lysate

IF 1:50-1:500

Applications

Tested Applications:

IF/ICC, IP, WB, ELISA

Cited Applications:

IF, WB

Species Specificity:

human, mouse, rat

Cited Species:

human

Positive Controls:

WB : mouse brain tissue, Jurkat cells, rat brain tissue

IP : mouse brain tissue,

IF : HepG2 cells,

Background Information

VPS28 is a subunit of the ESCRT-I complex (endosomal sorting complex I required for transport), which functions in the transport and sorting of proteins into subcellular vesicles. The ESCRT-I complex is composed of VPS23 (also known as TSG101), VPS28, VPS37, and MVB12A or MVB12B. VPS28 interacts with VPS23. Two alternative transcripts encoding different VPS28 isoforms have been described.

Notable Publications

| Author | Pubmed ID | Journal | Application |
|-------------------|-----------|-------------|-------------|
| Xiaohua Dong | 35330682 | iScience | WB, IF |
| Chiara Merigliano | 34449766 | PLoS Genet | IF |
| Emilie Rigaux | 38058263 | Curr Protoc | 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

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

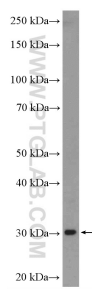
T: 4006900926

E: Proteintech-CN@ptglab.com

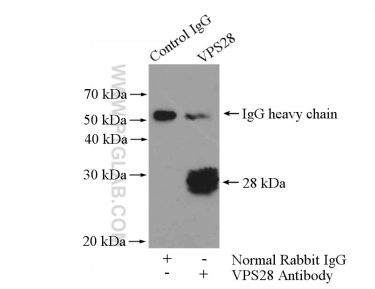
W: ptgcn.com

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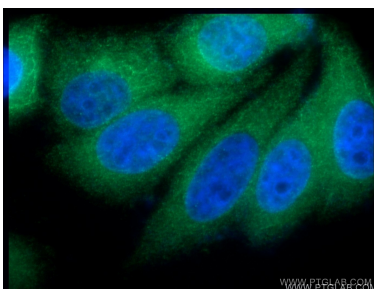
Selected Validation Data



mouse brain tissue were subjected to SDS PAGE followed by western blot with 15478-1-AP (VPS28 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



IP result of anti-VPS28 (IP:15478-1-AP, 4ug; Detection:15478-1-AP 1:500) with mouse brain tissue lysate 4400ug.



Immunofluorescent analysis of HepG2 cells using 15478-1-AP (VPS28 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).