

For Research Use Only

# VPS28 Polyclonal antibody

Catalog Number: 15478-1-AP

Featured Product

5 Publications



## Basic Information

Catalog Number:

15478-1-AP

Size:

150ul, Concentration: 500 ug/ml by Nanodrop;

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 ug for 1.0-3.0 mg of total protein lysate

IF/ICC 1:50-1:500

## Applications

Tested Applications:

WB, IF/ICC, IP, ELISA

Cited Applications:

WB, IF

Species Specificity:

human, mouse, rat

Cited Species:

human

Positive Controls:

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

IP : mouse brain tissue,

IF/ICC : 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
Yu-Chan Chang	38939899	J Extracell Biol	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

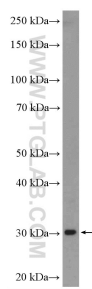
For technical support and original validation data for this product please contact:

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

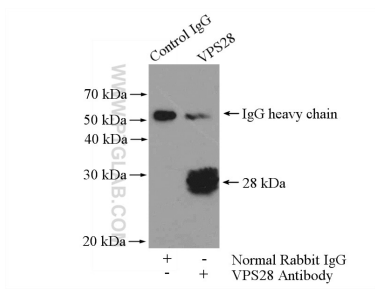
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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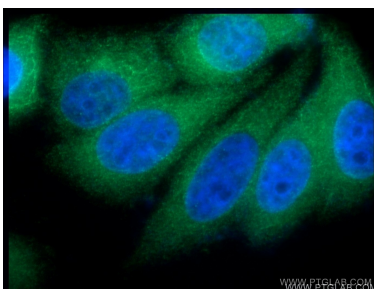
Selected Validation Data



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 Goat Anti-Rabbit IgG(H+L).