

For Research Use Only

VPS28 Polyclonal antibody

Catalog Number: 15478-1-AP

Featured Product

4 Publications



Basic Information

Catalog Number: 15478-1-AP	GenBank Accession Number: BC006485	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 500 µg/ml by Nanodrop;	GeneID (NCBI): 51160	Recommended Dilutions: WB 1:500-1:1000 IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB
Source: Rabbit	Full Name: vacuolar protein sorting 28 homolog (S. cerevisiae)	IF 1:50-1:500
Isotype: IgG	Calculated MW: 25 kDa	
Immunogen Catalog Number: AG7784	Observed MW: 28-30 kDa	

Applications

Tested Applications:
IF, 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

*** 20ul sizes contain 0.1% BSA

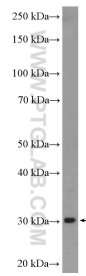
For technical support and original validation data for this product please contact:

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

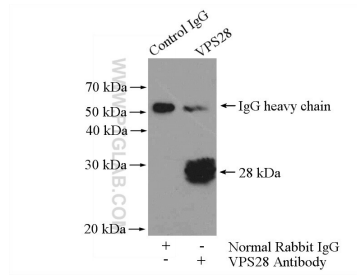
E: proteintech@ptglab.com
W: ptglab.com

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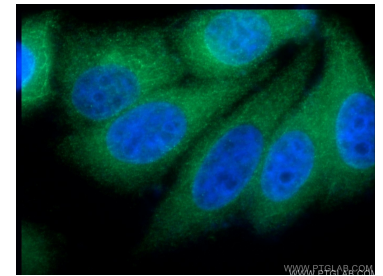
Selected Validation Data



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, 4 μ g; Detection:15478-1-AP 1:500) with mouse brain tissue lysate 4400 μ g.



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).