

For Research Use Only

VPS4A/B Polyclonal antibody

Catalog Number: 17673-1-AP

Featured Product

5 Publications



Basic Information

Catalog Number:

17673-1-AP

Size:

150UL, Concentration: 650 µg/ml by Nanodrop and 227 µg/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG11610

GenBank Accession Number:

BC039574

GeneID (NCBI):

9525

Full Name:

vacuolar protein sorting 4 homolog B (S. cerevisiae)

Calculated MW:

444 aa, 49 kDa

Observed MW:

50 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2400

IP 0.5-4.0 µg for IP and 1:500-1:2000 for WB

IF 1:10-1:100

Applications

Tested Applications:

IF, IP, WB, ELISA

Cited Applications:

IF, WB

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse, rat

Positive Controls:

WB: Y79 cells, A431 cells, HEK-293 cells, HeLa cells, HepG2 cells, MCF-7 cells, mouse skin tissue, NIH/3T3 cells

IP: HeLa cells,

IF: A431 cells,

Background Information

VPS4 (Vacuolar protein sorting-associated protein 4) is involved in intracellular protein trafficking, presumably at a late endosomal protein transport step. Human VPS4 has two orthologous proteins named VPS4A and VPS4B. This antibody can recognize both VPS4A and VPS4B due to their high homology.

Notable Publications

Author	Pubmed ID	Journal	Application
Denghui Wei	32958903	Cell Res	WB
Benjamin M Schwenk	27621269	EMBO J	WB, IF
Wang Jiang	32082513	J Extracell Vesicles	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

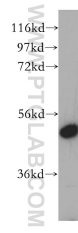
For technical support and original validation data for this product please contact:

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

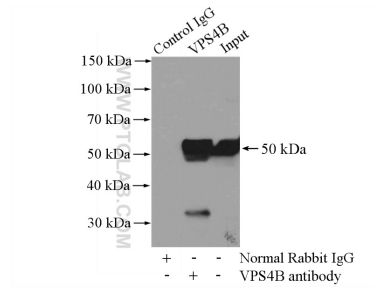
E: proteintech@ptglab.com
W: ptglab.com

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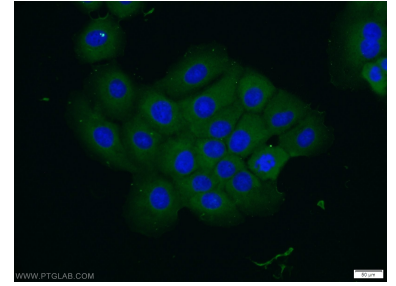
Selected Validation Data



Y79 cells were subjected to SDS PAGE followed by western blot with 17673-1-AP (VPS4B antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



IP Result of anti-VPS4B (IP:17673-1-AP, 4ug; Detection:17673-1-AP 1:1000) with HeLa cells lysate 880ug.



Immunofluorescent analysis of A431 cells using 17673-1-AP (VPS4B antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).