

For Research Use Only

VPS4A/B Polyclonal antibody

Catalog Number: 17673-1-AP

Featured Product

12 Publications



Basic Information

Catalog Number:

17673-1-AP

Concentration:

650 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG11610

GenBank Accession Number:

BC039574

GeneID (NCBI):

9525

UNIPROT ID:

O75351

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: 1:1000-1:6000

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

FC (Intra): 0.25 ug per 10⁶ cells in a
100 µl suspension

Applications

Tested Applications:

WB, FC (Intra), IP, ELISA

Cited Applications:

WB, IF, IP

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse, rat

Positive Controls:

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

IP : HeLa cells,

FC (Intra) : 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
Gabrielle Parkinson	34657963	J Cell Sci	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

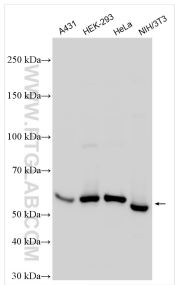
T: 4006900926

E: Proteintech-CN@ptglab.com

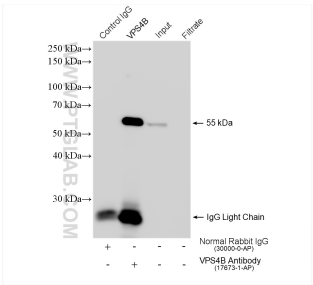
W: ptgcn.com

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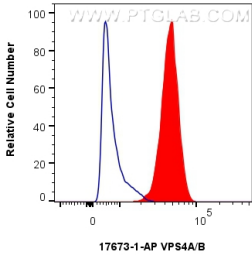
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 17673-1-AP (VPS4A/B antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



IP result of anti-VPS4A/B (IP:17673-1-AP, 4ug; Detection:17673-1-AP 1:3000) with HeLa cells lysate 1360 ug.



1x10⁶ A431 cells were intracellularly stained with 0.25 ug VPS4A/B Polyclonal antibody (17673-1-AP) and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2)(red), or 0.25 ug Rabbit IgG control Rabbit PolyAb (30000-0-AP) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).