

Rabbit anti-Human, Mouse VPS18 Polyclonal Antibody | anti-VPS18 antibody

Rabbit anti-VPS18 Antibody, Affinity Purified

CATALOG # AAA213314	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunoprecipitation, Western Blot
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PRODUCT SYNONYMS

VPS18; Polyclonal Antibody; Rabbit anti-VPS18 Antibody; Affinity Purified; PEP3; vacuolar protein sorting-associated protein 18 homolog; vacuolar protein sorting protein 18; hVPS18; vacuolar protein sorting 18 homolog; Vacuolar protein sorting-associated protein 18 homolog; CORVET/HOPS core subunit; anti-VPS18 antibody

PRODUCT SPECIFICATIONS

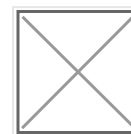
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-VPS18 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 1 and 50
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human and mouse VPS18 by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-VPS18 antibody AAA213314 (lot AAA213314-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)

Detection of human VPS18 by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from 293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-VPS18 antibody AAA213314 (lot AAA213314-1) used for IP at 6 ug per reaction. VPS18 was also immunoprecipitated by rabbit anti-VPS18 antibody BL21926. For blotting immunoprecipitated VPS18, AAA213314 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.

ADDITIONAL INFORMATION

Related Product Information for anti-VPS18 antibody	Vesicle mediated protein sorting plays an important role in segregation of intracellular molecules into distinct organelles. Genetic studies in yeast have identified more than 40 vacuolar protein sorting (VPS) genes involved in vesicle transport to vacuoles. VPS18 is the human homolog of yeast class C Vps18 protein. The mammalian class C Vps proteins are predominantly associated with late endosomes/lysosomes, and like their yeast counterparts, may mediate vesicle trafficking steps in the endosome/lysosome pathway [taken from NCBI Entrez Gene (Gene ID: 57617)].
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NCBI AND UNIPROT INFORMATION

NCBI GI #	17978485
NCBI GeneID	57617
NCBI Accession #	NP_065908.1
NCBI GenBank Nucleotide #	NM_020857.2
UniProt Accession #	Q9P253; Q8TCG0; Q96DI3; Q9H268
Molecular Weight	110,186 Da
NCBI Official Full Name	vacuolar protein sorting-associated protein 18 homolog
NCBI Official Synonym Full Names	vacuolar protein sorting 18 homolog (S. cerevisiae)
NCBI Official Symbol	VPS18
NCBI Official Synonym Symbols	PEP3
NCBI Protein Information	vacuolar protein sorting-associated protein 18 homolog; hVPS18; vacuolar protein sorting protein 18
UniProt Protein Name	Vacuolar protein sorting-associated protein 18 homolog
UniProt Gene Name	VPS18
UniProt Synonym Gene Names	KIAA1475
UniProt Entry Name	VPS18_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/vps18-antibody-immunoprecipitation-western-blot-elisa/213314>