

Rabbit VPS18 Polyclonal Antibody | anti-VPS18 antibody

VPS18 Rabbit pAb

CATALOG # AAA282359	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunocytochemistry, Immunofluorescence, Western Blot
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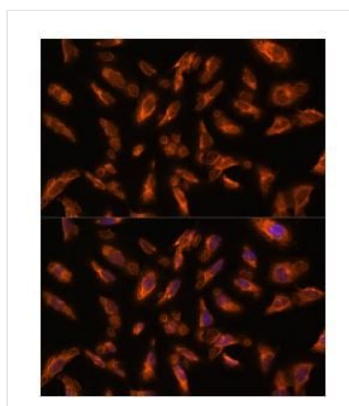
PRODUCT SYNONYMS

VPS18; Polyclonal Antibody; VPS18 Rabbit pAb; PEP3; anti-VPS18 antibody

PRODUCT SPECIFICATIONS

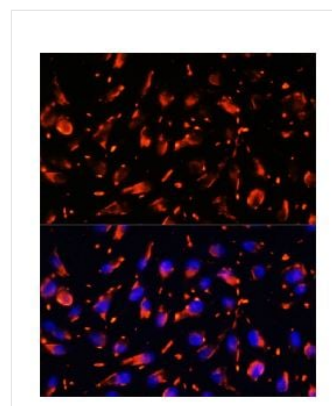
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	Liquid PBS with 0.01% thimerosal, 50% glycerol, pH7.3.
Applicable Applications for anti-VPS18 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Positive Samples	A-549, mouse brain, rat brain
Cellular Location	autophagosome, clathrin-coated vesicle, CORVET complex, early endosome, endosome, glutamatergic synapse, late endosome, lysosome, presynapse
Research Area	Signal Transduction
Immunogen	A synthetic peptide of human VPS18
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles. Ship: Ice Pack

IMAGES



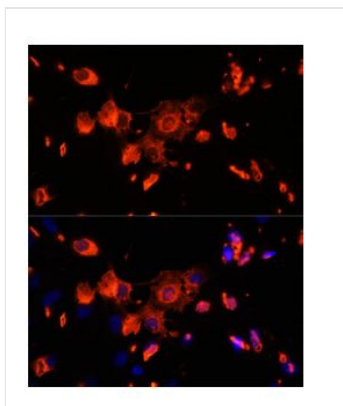
IF (Immunofluorescence)

Immunofluorescence analysis of U-2 OS cells using Vps18 antibody (AAA282359) at dilution of 1:100. Blue: DAPI for nuclear staining.



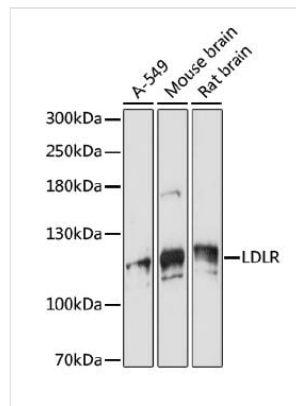
IF (Immunofluorescence)

Immunofluorescence analysis of L929 cells using Vps18 antibody (AAA282359) at dilution of 1:100. Blue: DAPI for nuclear staining.



IF (Immunofluorescence)

Immunofluorescence analysis of C6 cells using Vps18 antibody (AAA282359) at dilution of 1:100. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using VPS18 antibody (AAA282359) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 4min.

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. This gene encodes 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.
Product Categories/Family for anti-VPS18 antibody	Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GeneID	57617
UniProt Accession #	Q9P253
Molecular Weight	Calculated MV: 110kDa Observed MV: 110kDa
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-immunocytochemistry-immunofluorescence-western-blot-elisa/282359>