

Rabbit anti-Human VPS16 Polyclonal Antibody | anti-VPS16 antibody

Anti-VPS16 Antibody, Rabbit Polyclonal

CATALOG # AAA256387	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunoprecipitation, Western Blot
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PRODUCT SYNONYMS

VPS16; Polyclonal Antibody; Anti-VPS16 Antibody; Rabbit Polyclonal; VPS16 Antibody; Rabbit PAb; Antigen Affinity Purified; vacuolar protein sorting 16 homolog (S. cerevisiae); Anti-hVPS16 Antibody; Anti-RP11-12M19.2 Antibody; anti-VPS16 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human VPS16
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-VPS16 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	E Coli-derived Human VPS16 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human VPS16 fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.

IMAGES



IP (Immunoprecipitation)

VPS16 was immunoprecipitated using: Lane A: 0.5 mg Jurkat Whole Cell Lysate, 4 uL anti-VPS16 rabbit polyclonal antibody and 60 ug of Immunomagnetic beads Protein A/G. Primary antibody: Anti-VPS16 rabbit polyclonal antibody, at 1:100 dilution. Secondary antibody: Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 95 kDa. Observed band size: 95 kDa.



WB (Western Blot)

Anti-VPS16 rabbit polyclonal antibody at 1:500 dilution. Lane A: Jurkat Whole Cell Lysate. Lysates/proteins at 30 ug per lane. Secondary: Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 95 kDa. Observed band size: 95 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-VPS16 antibody	VPS16 (VPS16 Core Subunit Of CORVET And HOPS Complexes) is a Protein Coding gene. The VPS16 gene, located on 20p13, is conserved in the Rhesus monkey, dog, cow, mouse, and rat, etc. VPS16 belongs to the VPS16 family. 2 alternatively spliced human isoforms have been reported. This gene encodes the human homolog of yeast class C Vps16 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. VPS16 is widely expressed in the appendix, thyroid, and other tissues. Diseases associated with VPS16 include Dystonia and Hypophosphatasia, Infantile.
References	Yogosawa S, et al. (2005) Ubiquitylation and degradation of serum-inducible kinase by hvps18, a ring-h2 type ubiquitin ligase. J Biol Chem 280 (50): 41619-41627.Lin X, et al. (2014) Rilp interacts with hops complex via vps41 subunit to regulate endocytic trafficking. Sci Rep 4 7282.Kondo H, et al. (2017) Mutation in vps33a affects metabolism of glycosaminoglycans: A new type of mucopolysaccharidosis with severe systemic symptoms. Hum Mol Genet 26 (1): 173-183.

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/vps16-antibody-immunoprecipitation-western-blot-elisa/256387>