

Rabbit anti-Human VPS25 Polyclonal Antibody | anti-VPS25 antibody

Anti-VPS25 Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA256043	Rabbit	Human	Immunoprecipitation, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

VPS25; Polyclonal Antibody; Anti-VPS25 Antibody; Rabbit Polyclonal; VPS25 Antibody; Rabbit PAb; Antigen Affinity Purified; vacuolar protein sorting 25 homolog (S. cerevisiae); Anti-DERP9 Antibody; Anti-EAP20 Antibody; Anti-FAP20 Antibody; anti-VPS25 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human VPS25
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-VPS25 antibody	IP (Immunoprecipitation), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	E Coli-derived Human VPS25 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human VPS25 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)

VPS25 was immunoprecipitated using: Lane A: 0.5 mg THP-1 Whole Cell Lysate 4 uL anti-VPS25 rabbit polyclonal antibody and 60 ug of Immunomagnetic beads Protein A/G. Primary antibody: Anti-VPS25 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: 21 kDa. Observed band size: 21 kDa.



IHC (Immunohistochemistry)

Immunochemical staining of human VPS25 in human kidney with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.



WB (Western Blot)

Anti-VPS25 rabbit polyclonal antibody at 1:500 dilution Lane A: HL60 Whole Cell Lysate Lane B: THP-1 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: 21 kDa Observed band size: 21 kDa (We are unsure as to the identity of these extra bands).

ADDITIONAL INFORMATION

Related Product Information for anti-VPS25 antibody	Vacuolar protein sorting 25 (Vps25), a component of ESCRT-II (Endosomal Sorting Complex Required for Transport II), directs preferential endosome-mediated modulation of FGF signaling in limbs. Vps25p is the product of yeast gene VPS25 and is found in an endosomal sorting complex required for transport (ESCRT)-II, along with Vps22p and Vps36p. This complex is essential for sorting ubiquitinated biosynthetic and endosomal cargoes into endosomes. In <i>Drosophila</i> , mutations of the ESCRT-II component vps25 cause endosomal defects leading to accumulation of Notch protein and increased Notch pathway activity. In <i>Drosophila</i> imaginal epithelia, cells mutant for the endocytic neoplastic tumor suppressor gene vps25 stimulate nearby untransformed cells to express <i>Drosophila</i> Inhibitor-of-Apoptosis-Protein-1 (DIAP-1), conferring resistance to apoptosis non-cell autonomously.
References	Slater R, et al. (2006) Genetic structure and evolution of the vps25 family, a yeast escrt-ii component. <i>BMC Evol Biol</i> 6 59. Herz HM, et al. (2009) Common and distinct genetic properties of escrt-ii components in <i>drosophila</i> . <i>PLoS One</i> 4 (1): e4165. Handschuh K, et al. (2014) Escrt-ii/vps25 constrains digit number by endosome-mediated selective modulation of fgf-shh signaling. <i>Cell Rep</i> 9 (2): 674-687. Graves HK, et al. (2012) Notch signaling activates yorkie non-cell autonomously in <i>drosophila</i> . <i>PLoS One</i> 7 (6): e37615.

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/vps25-antibody-immunoprecipitation-immunohistochemistry-western-blot-elisa/256043>