

Rabbit anti-Human VPS11 Polyclonal Antibody | anti-VPS11 antibody

VPS11 Antibody

CATALOG # AAA232060	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA
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PRODUCT SYNONYMS

VPS11; Polyclonal Antibody; VPS11 Antibody; Vacuolar protein sorting-associated protein 11 homolog; hVPS11; RING finger protein 108; RNF108; PP3476; anti-VPS11 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid
Sequence Length	931
Applicable Applications for anti-VPS11 antibody	IHC (Immunohistochemistry), ELISA
Species	Human
Immunogen	Recombinant human Vacuolar protein sorting-associated protein 11 homolog protein (C-250AA)
Conjugate	Non-conjugated
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-79346 / sc-79347
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human bladder cancer using AAA232060 at dilution of 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human kidney tissue using AAA232060 at dilution of 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-VPS11 antibody	Plays a role in vesicle-mediated protein trafficking to lysosomal compartments including the endocytic membrane transport and autophagic pathways. Believed to act as a core component of the putative HOPS and CORVET endosomal tethering complexes which are proposed to be involved in the Rab5-to-Rab7 endosome conversion probably implicating MON1A/B, and via binding SNAREs and SNARE complexes to mediate tethering and docking events during SNARE-mediated membrane fusion. The HOPS complex is proposed to be recruited to Rab7 on the late endosomal membrane and to regulate late endocytic, phagocytic and autophagic traffic towards lysosomes. The CORVET complex is proposed to function as a Rab5 effector to mediate early endosome fusion probably in specific endosome subpopulations (PubMed:11382755, PubMed:23351085, PubMed:24554770, PubMed:25266290, PubMed:25783203). Required for fusion of endosomes and autophagosomes with lysosomes (PubMed:25783203). Involved in cargo transport from early to late endosomes and required for the transition from early to late endosomes (PubMed:21148287). Involved in the retrograde Shiga toxin transport (PubMed:23593995).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	589058161
NCBI GeneID	55823
NCBI Accession #	NP_001277114.1
NCBI GenBank Nucleotide #	NM_001290185.1
UniProt Accession #	Q9H270; Q8WY89; Q96EP8; Q9H6D9; Q9HCS6
Molecular Weight	107,837 Da
NCBI Official Full Name	vacuolar protein sorting-associated protein 11 homolog isoform 2
NCBI Official Synonym Full Names	VPS11, CORVET/HOPS core subunit
NCBI Official Symbol	VPS11
NCBI Official Synonym Symbols	END1; PEP5; HLD12; RNF108; hVPS11
NCBI Protein Information	vacuolar protein sorting-associated protein 11 homolog
UniProt Protein Name	Vacuolar protein sorting-associated protein 11 homolog
UniProt Gene Name	VPS11
UniProt Synonym Gene Names	RNF108; hVPS11
UniProt Entry Name	VPS11_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/vps11-antibody-immunohistochemistry-elisa/232060>