

Rabbit anti-Human VPS35 Polyclonal Antibody | anti-VPS35 antibody

VPS35 Antibody

CATALOG # AAA232114	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA
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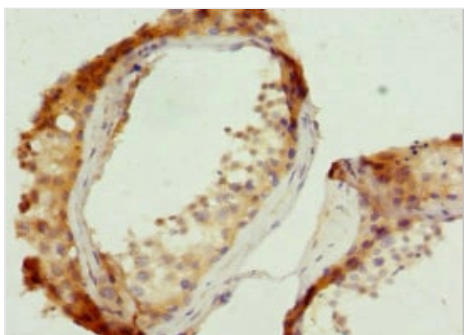
PRODUCT SYNONYMS

VPS35; Polyclonal Antibody; VPS35 Antibody; Vacuolar protein sorting-associated protein 35; hVPS35; Maternal-embryonic 3; Vesicle protein sorting 35; MEM3; TCCCTA00141; anti-VPS35 antibody

PRODUCT SPECIFICATIONS

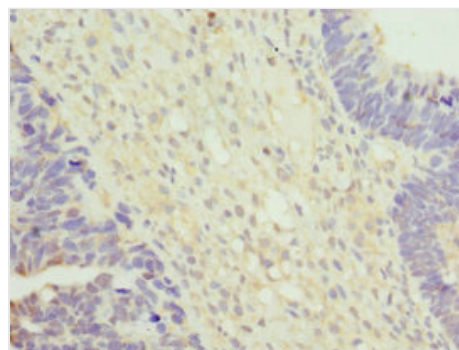
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid
Sequence Length	796
Applicable Applications for anti-VPS35 antibody	IHC (Immunohistochemistry), ELISA
Species	Human
Immunogen	Recombinant human Vacuolar protein sorting-associated protein 35 protein (N-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-55803 / sc-55805
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 testis using AAA232114 at dilution 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human ovarian cancer using AAA232114 at dilution 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-VPS35 antibody	Acts as component of the retromer cargo-selective complex (CSC). The CSC is believed to be the core functional component of retromer or respective retromer complex variants acting to prevent missorting of selected transmembrane cargo proteins into the lysosomal degradation pathway. The recruitment of the CSC to the endosomal membrane involves RAB7A and SNX3. The CSC seems to associate with the cytoplasmic domain of cargo proteins predominantly via VPS35; however, these interactions seem to be of low affinity and retromer SNX proteins may also contribute to cargo selectivity thus questioning the classical function of the CSC. The SNX-BAR retromer mediates retrograde transport of cargo proteins from endosomes to the trans-Golgi network (TGN) and is involved in endosome-to-plasma membrane transport for cargo protein recycling. The SNX3-retromer mediates the retrograde endosome-to-TGN transport of WLS distinct from the SNX-BAR retromer pathway. The SNX27-retromer is believed to be involved in endosome-to-plasma membrane trafficking and recycling of a broad spectrum of cargo proteins. The CSC seems to act as recruitment hub for other proteins, such as the WASH complex and TBC1D5 (Probable). Required for retrograde transport of lysosomal enzyme receptor IGF2R and SLC11A2. Required to regulate transcytosis of the polymeric immunoglobulin receptor (pIgR-pIgA) (PubMed:15078903, PubMed:15247922, PubMed:20164305). Required for endosomal localization of FAM21C (PubMed:22070227). Mediates the association of the CSC with the WASH complex via FAM21 (PubMed:22070227, PubMed:24980502, PubMed:24819384). Required for the endosomal localization of TBC1D5 (PubMed:20923837).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	17999541
NCBI GeneID	55737
NCBI Accession #	NP_060676.2
NCBI GenBank Nucleotide #	NM_018206.5
UniProt Accession #	Q96QK1; Q561W2; Q9H016; Q9H096; Q9H4P3; Q9H8J0; Q9NRS7; Q9NVG2; Q9NX80; Q9NZK2
Molecular Weight	91,707 Da
NCBI Official Full Name	vacuolar protein sorting-associated protein 35
NCBI Official Synonym Full Names	VPS35, retromer complex component
NCBI Official Symbol	VPS35
NCBI Official Synonym Symbols	MEM3; PARK17
NCBI Protein Information	vacuolar protein sorting-associated protein 35
UniProt Protein Name	Vacuolar protein sorting-associated protein 35
UniProt Gene Name	VPS35
UniProt Synonym Gene Names	MEM3; hVPS35
UniProt Entry Name	VPS35_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://www.aaabiotech.com/polyclonal/vps35-antibody-immunohistochemistry-elisa/232114>