

VPS35 Monoclonal Antibody | anti-VPS35 antibody

VPS35 Rabbit mAb

CATALOG # AAA314585	HOST Recombinant Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

VPS35; Monoclonal Antibody; VPS35 Rabbit mAb; hVPS35; MEM3; PARK17; anti-VPS35 antibody

PRODUCT SPECIFICATIONS

Host	Recombinant Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG
Clone Number	S03-6E1
Purity/Purification	Affinity Purified
Form/Format	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Concentration	0.3mg/ml (varies by lot)
Applicable Applications for anti-VPS35 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide of human VPS35
Conjugation	Unconjugated
Modification	Unmodification
Preparation and Storage	Store at 4 degree C short term. Aliquot and store at -20 degree C long term. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of VPS35 in paraffin-embedded Human lung cancer tissue using VPS35 Rabbit mAb at dilution 1/50



WB (Western Blot)

Western blot detection of VPS35 in HepG2, U2OS, U251 using VPS35 Rabbit mAb(1:1000 diluted

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 (PubMed:30213940).
Product Categories/Family for anti-VPS35 antibody	Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	17999541
NCBI GeneID	55737
NCBI Accession #	NP_060676.2
NCBI GenBank Nucleotide #	NM_018206.4
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	vacuolar protein sorting 35 homolog (S. cerevisiae)
NCBI Official Symbol	VPS35
NCBI Official Synonym Symbols	MEM3; PARK17
NCBI Protein Information	vacuolar protein sorting-associated protein 35; hVPS35; maternal-embryonic 3
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://stage.aaabiotech.com/monoclonal/vps35-antibody-clone-s03-6e1-immunohistochemistry-western-blot-elisa/314585>