

Rabbit anti-Human VPS26A Polyclonal Antibody | anti-VPS26A antibody

VPS26A Antibody

CATALOG # AAA243777	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA
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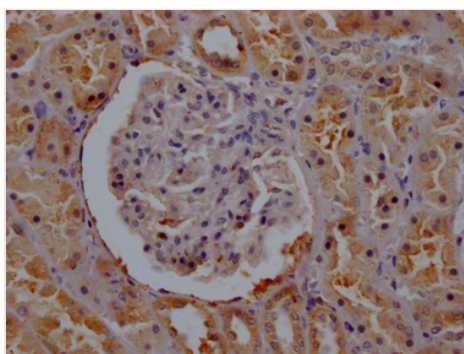
PRODUCT SYNONYMS

VPS26A; Polyclonal Antibody; VPS26A Antibody; Vacuolar protein sorting-associated protein 26A (Vesicle protein sorting 26A) (hVPS26); VPS26; anti-VPS26A antibody

PRODUCT SPECIFICATIONS

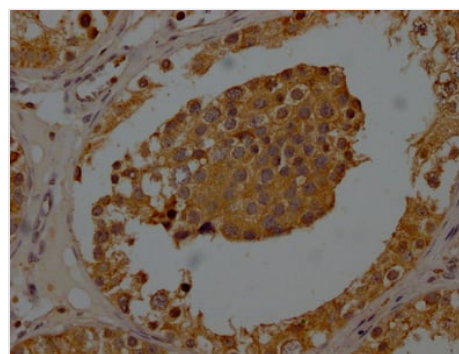
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH7.4
Applicable Applications for anti-VPS26A antibody	IHC (Immunohistochemistry), ELISA
Conjugation	Non-conjugated
Immunogen	Recombinant Human Vacuolar protein sorting-associated protein 26A protein (21-180AA)
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemistry)

IHC image diluted at 1:200 and staining in paraffin-embedded human kidney tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a Goat anti-rabbit polymer IgG labeled by HRP and visualized using 0.05% DAB.



IHC (Immunohistochemistry)

IHC image diluted at 1:200 and staining in paraffin-embedded human testis tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a Goat anti-rabbit polymer IgG labeled by HRP and visualized using 0.05% DAB.

ADDITIONAL INFORMATION

Related Product Information for anti-VPS26A 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 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 (Probable). 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 (PubMed:15078902, PubMed:15078903). Required to regulate transcytosis of the polymeric immunoglobulin receptor (plgR-plgA) (PubMed:15247922). Required for the endosomal localization of WASHC2A (indicative for the WASH complex) (PubMed:22070227). Required for the endosomal localization of TBC1D5 (PubMed:20923837). Mediates retromer cargo recognition of SORL1 and is involved in trafficking of SORL1 implicated in sorting and processing of APP (PubMed:22279231). Involved in retromer-independent lysosomal sorting of F2R (PubMed:16407403). Involved in recycling of ADRB2 (PubMed:21602791). Enhances the affinity of SNX27 for PDZ-binding motifs in cargo proteins (By similarity).
Product Categories/Family for anti-VPS26A antibody	Others

NCBI AND UNIPROT INFORMATION

NCBI GI #	78482614
NCBI GeneID	9559
NCBI Accession #	NP_001030337.1
NCBI GenBank Nucleotide #	NM_001035260.1
UniProt Accession #	O75436; Q8TBH4; Q9H982; A8MZ56; B2RDD3
Molecular Weight	28,938 Da
NCBI Official Full Name	vacuolar protein sorting-associated protein 26A isoform 2
NCBI Official Synonym Full Names	vacuolar protein sorting 26 homolog A (S. pombe)
NCBI Official Symbol	VPS26A
NCBI Official Synonym Symbols	HB58; PEP8A; VPS26; Hbeta58
NCBI Protein Information	vacuolar protein sorting-associated protein 26A; vesicle protein sorting 26A
UniProt Protein Name	Vacuolar protein sorting-associated protein 26A
UniProt Gene Name	VPS26A
UniProt Synonym Gene Names	VPS26; hVPS26
UniProt Entry Name	VP26A_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.