

Rabbit VPS26A Polyclonal Antibody | anti-VPS26A antibody

VPS26A Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285200	Rabbit	Human (Predicted Reactivity: Xenopus, Bovine, Zebrafish, Mouse, Rat, C Elegans)	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Xenopus, Bovine, Zebrafish, Mouse, Rat, C Elegans)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This VPS26A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 263-291 amino acids from the Central region of human VPS26A.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	263-291
Sequence Length	251
Applicable Applications for anti-VPS26A antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



FCM/FACS (Flow Cytometry)

VPS26A Antibody (Center) flow cytometric analysis of WiDr cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)

Formalin-fixed and paraffin-embedded human hepatocarcinoma reacted with VPS26A Antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)

Western blot analysis of VPS26A Antibody (Center) in HepG2 cell line lysates (35ug/lane).
VPS26A (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-VPS26A antibody	VPS26A is a component of a large multimeric complex, termed the retromer complex, involved in retrograde transport of proteins from endosomes to the trans-Golgi network. The close structural similarity between the yeast and human proteins that make up this complex suggests a similarity in function. Expression studies in yeast and mammalian cells indicate that this protein interacts directly with VPS35, which serves as the core of the retromer complex.
Product Categories/Family for anti-VPS26A antibody	Signal Transduction
References	Haft,C.R., et.al., Mol. Biol. Cell 11 (12), 4105-4116 (2000) Reddy,J.V.et.al., Mol. Biol. Cell 12 (10), 3242-3256 (2001)

NCBI AND UNIPROT INFORMATION

NCBI GI #	78482614
NCBI GeneID	9559
NCBI Accession #	NP_001030337.1; NP_004887.2
NCBI GenBank Nucleotide #	NM_001035260.1
UniProt Accession #	O75436; Q8TBH4; Q9H982; A8MZ56; B2RDD3
Molecular Weight	38170
NCBI Official Full Name	vacuolar protein sorting-associated protein 26A isoform 2
NCBI Official Synonym Full Names	VPS26 retromer complex component A
NCBI Official Symbol	VPS26A
NCBI Official Synonym Symbols	HB58; PEP8A; VPS26; Hbeta58
NCBI Protein Information	vacuolar protein sorting-associated protein 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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/vps26a-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/285200>