

Rabbit anti-Human, Mouse VPS35 Monoclonal Antibody | anti-VPS35 antibody

VPS35 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA30434	Rabbit	Human, Mouse	Western Blot, Immunohistochemistry, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

VPS35; Monoclonal Antibody; VPS35 Antibody; DKFZp434E1211 antibody; DKFZp434P1672 antibody; FLJ10752 antibody; FLJ13588 antibody; FLJ20388 antibody; hVPS35 antibody; Maternal embryonic 3 antibody; Maternal-embryonic 3 antibody; MEM 3 antibody; MEM3 antibody; PARK17 antibody; TCCCTA00141 antibody; Vacuolar protein sorting 35 (yeast) antibody; Vacuolar protein sorting 35 antibody; Vacuolar protein sorting 35 homolog antibody; Vacuolar protein sorting associated protein 35 antibody; Vacuolar protein sorting-associated protein 35 antibody; Vesicle protein sorting 35 antibody; VPS 35 antibody; VPS35 antibody; VPS35_HUMAN antibody; anti-VPS35 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Monoclonal
Clone Number	JB33-82
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-VPS35 antibody	WB (Western Blot), IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry)
Application Notes	WB: 1:500-1:1000 IHC: 1:100-1:300 FC/FACS: 1:50-1:100
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



FCM (Flow Cytometry)

Flow cytometric analysis of 293T cells with VPS35 antibody at 1/100 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti-rabbit IgG was used as the secondary antibody.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded mouse colon tissue using anti-VPS35 antibody. Counter stained with hematoxylin.

**IHC (Immunohistochemistry)**

Immunohistochemical analysis of paraffin-embedded human placenta tissue using anti-VPS35 antibody. Counter stained with hematoxylin.

**IHC (Immunohistochemistry)**

Immunohistochemical analysis of paraffin-embedded human kidney tissue using anti-VPS35 antibody. Counter stained with hematoxylin.

**IHC (Immunohistochemistry)**

Immunohistochemical analysis of paraffin-embedded human colon cancer tissue using anti-VPS35 antibody. Counter stained with hematoxylin.

**WB (Western Blot)**

Western blot analysis of VPS35 on different lysates using anti-VPS35 antibody at 1/500 dilution. Positive control: Lane 1: PC-3M Lane 2: U937 Lane 3: SH-SY-5Y

ADDITIONAL INFORMATION

Related Product Information for anti-VPS35 antibody	Vacuolar sorting proteins (VPSs) are required for proper trafficking of endocytic and biosynthetic proteins to the vacuole and play an important role in the budding process of cells. VPS35 (vacuolar protein sorting 35), also known as MEM3, is the 796 amino acid human homolog of the <i>S. cerevisiae</i> Vps35 protein. Localized to the cytoplasm and to the peripheral membrane, VPS35 is an essential component of the retromer complex which is involved in retrieval of lysosomal enzyme receptors from endosomes to the trans-Golgi network. VPS35 is expressed ubiquitously with highest expression in heart, placenta, brain, testis, kidney, colon, ovary and spleen. In addition to its crucial role in the retromer complex, VPS35 is part of a subcomplex that is required to regulate transcytosis of the polymeric immunoglobulin receptor from the basolateral to the apical surface of epithelial cells and hepatocytes.
Product Categories/Family for anti-VPS35 antibody	Total protein Ab

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 (<i>S. cerevisiae</i>)
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.

