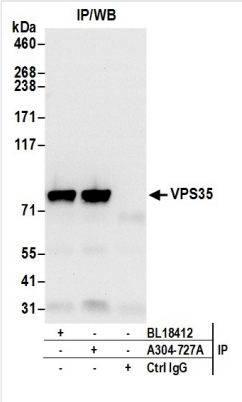
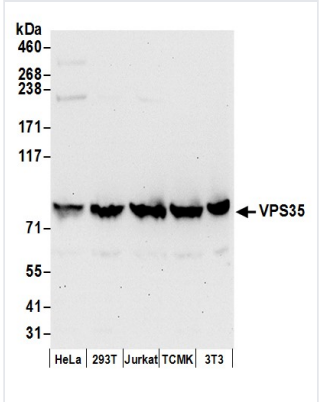
VPS35 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	VPS35, Polyclonal Antibody
Full Product Name	Rabbit anti-VPS35 Antibody, Affinity Purified
Product Gene Name	anti-VPS35 antibody
Product Synonym Names	hVPS35; maternal-embryonic 3; MEM3; PARK17; vacuolar protein sorting 35 homolog; vacuolar protein sorting-associated protein 35; Vesicle protein sorting 35; Vacuolar protein sorting-associated protein 35; VPS35, retromer complex component
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Purity/Purification	Antigen Affinity Purified
Concentration	1000ug/ml (lot specific)
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt
Molecular Weight	91,707 Da
Chromosome Location	Chromosome: 16; NC_000016.9 (46693589..46723144, complement). Location: 16q12
OMIM	601501
3D Structure	ModBase 3D Structure for Q96QK1
Predicted Reactivity	Bovine
Immunogen	Between 746 and C-terminus
Conjugation	Unconjugated
Product Categories/Family for anti-VPS35 antibody	Primary Antibodies
Applications Tested/Suitable for anti-VPS35 antibody	Western Blot (WB), Immunoprecipitation (IP)
Application Notes for anti-VPS35 antibody	WB: 1:2000-1:10,000 IP: 6ug/mg lysate
Related Product Information for anti-VPS35 antibody	Vacuolar protein sorting-associated protein 35 (VPS35) belongs to a group of vacuolar protein sorting (VPS) genes. VPS35 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 [taken from NCBI Entrez Gene (Gene ID: 55737)].
Other Notes	Small volumes of anti-VPS35 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for VPS35 purchase	MBS3904893 is an antibody targeting VPS35. Also known as Rabbit anti-VPS35 Antibody, Affinity Purified. Reactive in Human, Mouse. Host: Rabbit.



Immunoprecipitation (IP) of anti-VPS35 antibody
Detection of human VPS35 by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from 293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-VPS35 antibody MBS3904893 (lot MBS3904893-1) used for IP at 6 ug per reaction. VPS35 was also immunoprecipitated by rabbit anti-VPS35 antibody BL18412. For blotting immunoprecipitated VPS35, MBS3904893 was used at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



Western Blot (WB) of anti-VPS35 antibody
Detection of human and mouse VPS35 by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-VPS35 antibody MBS3904893 (lot MBS3904893-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for VPS35. It may not necessarily be applicable to this product.

NCBI GI #	17999541
NCBI GeneID	55737
NCBI Accession #	NP_060676.2
UniProt Primary Accession #	Q96QK1
UniProt Secondary Accession #	Q561W2; Q9H016; Q9H096; Q9H4P3; Q9H8J0; Q9NRS7; Q9NVG2; Q9NX80; Q9NZK2
UniProt Related Accession #	Q96QK1
GenBank Nucleotide #	NM_018206.4
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
UniProt Protein Name	Vacuolar protein sorting-associated protein 35
UniProt Synonym Protein Names	Maternal-embryonic 3; Vesicle protein sorting 35
Protein Family	Vacuolar protein sorting-associated protein
UniProt Gene Name	VPS35
UniProt Synonym Gene Names	MEM3; hVPS35
UniProt Entry Name	VPS35_HUMAN
NCBI Protein Information	vacuolar protein sorting-associated protein 35; hVPS35; maternal-embryonic 3
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