VPS35 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	VPS35, Polyclonal Antibody
Full Product Name	VPS35 Conjugated Antibody
Product Gene Name	anti-VPS35 antibody
Product Synonym Names	MEM3; PARK17
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Specificity	The antibody detects endogenous levels of total VPS35 protein.
Preparation and Storage	Store at 4 degree C for 6 months.
Molecular Weight	91,707 Da
OMIM	601501
3D Structure	ModBase 3D Structure for Q96QK1
Immunogen	Synthetic peptide of human VPS35
Conjugation	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Excitation Emission	AF350: 346nm/442nm
Applications Tested/Suitable for anti-VPS35 antibody	Most Applications
Application Notes for anti-VPS35 antibody	Suggested Dilution: AF350 conjugated: most applications: 1:50-1:250 AF405 conjugated: most applications: 1:50-1:250 AF488 conjugated: most applications: 1:50-1:250 AF555 conjugated: most applications: 1:50-1:250 AF594 conjugated: most applications: 1:50-1:250 AF647 conjugated: most applications: 1:50-1:250 AF680 conjugated: most applications: 1:50-1:250 AF750 conjugated: most applications: 1:50-1:250 Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1:50-1:1000
Related Product Information for anti-VPS35 antibody	This gene belongs to a group of vacuolar protein sorting (VPS) genes. The encoded protein 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.
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	MBS9452062 is an antibody targeting VPS35. Also known as VPS35 Conjugated Antibody. Reactive in Human, Mouse. Host: Rabbit.

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
UniProt Primary Accession #	Q96QK1
UniProt Secondary Accession #	Q561W2; Q9H016; Q9H096; Q9H4P3; Q9H8J0; Q9NRS7; Q9NVG2; Q9NX80; Q9NZK2
UniProt Related Accession #	Q96QK1
GenBank Nucleotide #	NM_018206
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
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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