VAPA Antibody(c-Term) Blocking Peptide

PRODUCT OVERVIEW

Product Name	VAPA, Blocking Peptide
Full Product Name	VAPA Antibody(C-term) Blocking peptide
Product Gene Name	VAPA blocking peptide
Product Synonym Gene Name	VAP33
Product Synonym Names	Vesicle-associated membrane protein-associated protein A; VAMP-A; VAMP-associated protein A; VAP-A; 33 kDa VAMP-associated protein; VAP-33; VAPA; VAP33
Form/Format	Synthetic peptide was lyophilized with 100% acetonitrile and is supplied as a powder. Reconstitute with 0.1 ml DI water for a final concentration of 1 mg/ml.
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C.
Antibody/Peptide Pairs	VAPA peptide (MBS9224319) is used for blocking the activity of VAPA antibody (MBS9206569)
Molecular Weight	32,614 Da
OMIM	605703
Cellular Location	Endoplasmic reticulum membrane; Single-pass type IV membrane protein. Note: Present in the plasma membrane and in intracellular vesicles, together with SNARE proteins. May also associate with the cytoskeleton. Colocalizes with OCLN at the tight junction in polarized epithelial cells
Tissue Location	Ubiquitous.
Related Product Information for VAPA blocking peptide	MBS9224319 is a blocking peptide targeting VAPA. Also known as VAPA Antibody(C-term) Blocking peptide. May play a role in vesicle trafficking.
Other Notes	Small volumes of VAPA blocking peptide 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.

ADDITIONAL DETAILS

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

NCBI GI #	122066680
NCBI GeneID	9218
NCBI Accession #	Q9P0L0.3
UniProt Primary Accession #	Q9P0L0
UniProt Secondary Accession #	O75453; Q5U0E7; Q9UBZ2; A6NDZ0; D3DUI3
UniProt Related Accession #	Q9P0L0
NCBI Official Full Name	Vesicle-associated membrane protein-associated protein A
NCBI Official Synonym Full Names	VAMP associated protein A
NCBI Official Symbol	VAPA
NCBI Official Synonym Symbols	VAP-A; VAP33; VAP-33; hVAP-33
UniProt Protein Name	Vesicle-associated membrane protein-associated protein A

UniProt Synonym Protein Names	33 kDa VAMP-associated protein; VAP-33
Protein Family	Vesicle-associated membrane protein-associated protein
UniProt Gene Name	VAPA
UniProt Synonym Gene Names	VAP33; VAMP-A; VAMP-associated protein A; VAP-A; VAP-33
UniProt Entry Name	VAPA_HUMAN
NCBI Protein Information	vesicle-associated membrane protein-associated protein A
NCBI Summary for VAPA	The protein encoded by this gene is a type IV membrane protein. It is present in the plasma membrane and intracellular vesicles. It may also be associated with the cytoskeleton. This protein may function in vesicle trafficking, membrane fusion, protein complex assembly and cell motility. Alternative splicing occurs at this locus and two transcript variants encoding distinct isoforms have been identified. [provided by RefSeq, Jul 2008]
UniProt Comments for VAPA	VAPA: May play a role in vesicle trafficking. Belongs to the VAMP-associated protein (VAP) (TC 9.B.17) family. 2 isoforms of the human protein are produced by alternative splicing. Protein type: Endoplasmic reticulum; Membrane protein, integral Chromosomal Location of Human Ortholog: 18p11.22 Cellular Component: endoplasmic reticulum; endoplasmic reticulum membrane; perinuclear region of cytoplasm; plasma membrane; tight junction; vesicle Molecular Function: FFAT motif binding; microtubule binding; protein binding; protein domain specific binding; protein heterodimerization activity; signal transducer activity Biological Process: cell death; endoplasmic reticulum organization and biogenesis; ER to Golgi vesicle-mediated transport; neurite development; positive regulation of I-kappaB kinase/NF-kappaB cascade; sphingolipid biosynthetic process
Research Articles on VAPA	**1.** The effects of sterol manipulation of HuH7 cells on complexes of established sterol-binding Oxysterol-binding protein related proteins with their endoplasmic reticulum receptor, VAMP-associated protein A (VAPA), were examined.
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