

Mouse anti-Human VAMP8 Monoclonal Antibody | anti-VAMP8 antibody

VAMP8 Antibody (N-term)

CATALOG # AAA283458	HOST Mouse	REACTIVITY Human	APPLICATIONS Western Blot, Immunohistochemistry, ELISA
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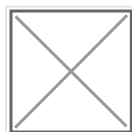
PRODUCT SYNONYMS

VAMP8; Monoclonal Antibody; VAMP8 Antibody (N-term); Vesicle-associated membrane protein 8; VAMP-8; Endobrevin; EDB; anti-VAMP8 antibody

PRODUCT SPECIFICATIONS

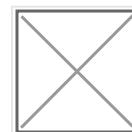
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	1414CT354.12.23.93
Specificity	This VAMP8 antibody is generated from a mouse immunized with a KLH conjugated synthetic peptide between 2~24 amino acids from the N-terminal region of human VAMP8.
Purity/Purification	Purified Mouse Monoclonal Antibody (Mab)
Form/Format	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, followed by dialysis against PBS.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Length	100
Applicable Applications for anti-VAMP8 antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Crown Antibody	Yes
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



WB (Western Blot)

Western blot analysis of lysates from Hela, THP-1, A431 cell line (from left to right), using VAMP8 Antibody (N-term). AAA283458 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysates at 20ug per lane.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded H. brain section using VAMP8 Antibody (N-term). AAA283458 was diluted at 1:25 dilution. A undiluted biotinylated goat polyvalent antibody was used as the secondary, followed by DAB staining.

ADDITIONAL INFORMATION

Related Product Information for anti-VAMP8 antibody	SNAREs, Soluble N-ethylmaleimide-sensitive factor- attachment protein receptors, are essential proteins for fusion of cellular membranes. SNAREs localized on opposing membranes assemble to form a trans-SNARE complex, an extended, parallel four alpha-helical bundle that drives membrane fusion. VAMP8 is a SNARE involved in autophagy through the direct control of autophagosome membrane fusion with the lysosome membrane. Also required for dense-granule secretion in platelets. Plays also a role in regulated enzyme secretion in pancreatic acinar cells. Involved in the abscission of the midbody during cell division, which leads to completely separate daughter cells. Involved in the homotypic fusion of early and late endosomes.
Product Categories/Family for anti-VAMP8 antibody	Crown Antibodies; Metabolism; Signal Transduction
References	Wong S.H.,et al.Mol. Biol. Cell 9:1549-1563(1998). Kalnine N.,et al.Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases. Ebert L.,et al.Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases. Hillier L.W.,et al.Nature 434:724-731(2005). Polgar J.,et al.Blood 100:1081-1083(2002).

NCBI AND UNIPROT INFORMATION

NCBI GI #	14043026
NCBI GeneID	8673
NCBI Accession #	NP_003752.2
NCBI GenBank Nucleotide #	NM_003761.4
UniProt Accession #	Q9BV40; O60625; Q53SP9; Q6IB09
Molecular Weight	11438
NCBI Official Full Name	vesicle-associated membrane protein 8
NCBI Official Synonym Full Names	vesicle-associated membrane protein 8
NCBI Official Symbol	VAMP8
NCBI Official Synonym Symbols	EDB; VAMP-8
NCBI Protein Information	vesicle-associated membrane protein 8
UniProt Protein Name	Vesicle-associated membrane protein 8
UniProt Gene Name	VAMP8
UniProt Synonym Gene Names	EDB
UniProt Entry Name	VAMP8_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/monoclonal/vamp8-antibody-clone-1414ct354-12-23-93-western-blot-immunohistochemistry-elisa/283458>