

Rabbit VAMP3 Polyclonal Antibody | anti-VAMP3 antibody

VAMP3 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285561	Rabbit	Human, Mouse, Zebrafish (Predicted Reactivity: Bovine, Rat, Monkey)	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

VAMP3; Polyclonal Antibody; VAMP3 Antibody (Center); Vesicle-associated membrane protein 3; VAMP-3; Cellubrevin; CEB; Synaptobrevin-3; SYB3; anti-VAMP3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Zebrafish (Predicted Reactivity: Bovine, Rat, Monkey)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This VAMP3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 15-43 amino acids from the Central region of human VAMP3.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	15-43
Sequence Length	100
Applicable Applications for anti-VAMP3 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Primary Accession	Q15836
Other Accession	P63025, P63024, Q4R8T0, Q2KJD2, P63045, P63044, P63027, P63026, Q63666, Q62442, P23763, Q0V7N0, NP_004772.1
Function	SNARE involved in vesicular transport from the late endosomes to the trans-Golgi network.
Cellular Location	Membrane; Single-pass type IV membrane protein. Cell junction, synapse, synaptosome
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



IHC (Immunohistochemisry)
VAMP3 Antibody (Center) (AAA285561)immunohistochemistry analysis in formalin fixed and paraffin embedded human pancreas tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of VAMP3 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
VAMP3 Antibody (Center) western blot analysis in zebra fish brain tissue lysates (35ug/lane).This demonstrates the VAMP3 antibody detected the VAMP3 protein (arrow).



WB (Western Blot)
VAMP3 Antibody (Center) western blot analysis in mouse brain tissue lysates (35ug/lane).This demonstrates the VAMP3 antibody detected the VAMP3 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-VAMP3 antibody	Synaptobrevins/VAMPs, syntaxins, and the 25-kD synaptosomal-associated protein are the main components of a protein complex involved in the docking and/or fusion of synaptic vesicles with the presynaptic membrane. This gene is a member of the vesicle-associated membrane protein (VAMP)/synaptobrevin family. Because of its high homology to other known VAMPs, its broad tissue distribution, and its subcellular localization, the protein encoded by this gene was shown to be the human equivalent of the rodent cellubrevin. In platelets the protein resides on a compartment that is not mobilized to the plasma membrane on calcium or thrombin stimulation.
Product Categories/Family for anti-VAMP3 antibody	Cancer; Metabolism; Neuroscience; Signal transduction
References	Ban, H.J., et al. BMC Genet. 11, 26 (2010) : Fader, C.M., et al. Biochim. Biophys. Acta 1793(12):1901-1916(2009) Kean, M.J., et al. J. Cell. Sci. 122 (PT 22), 4089-4098 (2009) : Vassilopoulos, S., et al. Science 324(5931):1192-1196(2009) Luftman, K., et al. Biochem. Biophys. Res. Commun. 380(1):65-70(2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4759300
NCBI GeneID	9341
NCBI Accession #	NP_004772.1
NCBI GenBank Nucleotide #	NM_004781.3
UniProt Accession #	Q15836; Q9BRV4
Molecular Weight	11309
NCBI Official Full Name	vesicle-associated membrane protein 3
NCBI Official Synonym Full Names	vesicle-associated membrane protein 3
NCBI Official Symbol	VAMP3
NCBI Official Synonym Symbols	CEB

NCBI Protein Information	vesicle-associated membrane protein 3
UniProt Protein Name	Vesicle-associated membrane protein 3
UniProt Gene Name	VAMP3
UniProt Synonym Gene Names	SYB3; VAMP-3; CEB
UniProt Entry Name	VAMP3_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/polyclonal/vamp3-antibody-immunohistochemistry-western-blot-elisa/285561>