

Mouse anti-Human, Rat Synaptobrevin 2 Monoclonal Antibody | anti-VAMP2 antibody

Synaptobrevin 2 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA47999	Mouse	Human, Rat	Immunofluorescence, Immunocytochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

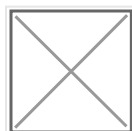
Synaptobrevin 2; Monoclonal Antibody; Synaptobrevin 2 antibody; vesicle-associated membrane protein 2; VAMP2; SYB2; VAMP-2; Synaptobrevin-2; Vesicle-associated membrane protein 2; vesicle-associated membrane protein 2 FLJ11460; RATVAMPB; RATVAMPIR; SYB; VAMP 2; Vesicle associated membrane protein 2; Vesicle-associated membrane protein 2 (synaptobrevin 2).; anti-VAMP2 antibody

PRODUCT SPECIFICATIONS

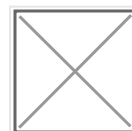
Host	Mouse
Reactivity	Human, Rat
Clonality	Monoclonal
Isotype	IgG1 kappa
Clone Number	3E5
Purity/Purification	By protein-G affinity chromatography
Form/Format	Liquid. In phosphate-buffered saline (pH 7.4) with 0.02% Sodium Azide, 10% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	116
Applicable Applications for anti-VAMP2 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant human Synaptobrevin 2 (1-89aa) purified from E. coli
Preparation and Storage	Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

IMAGES

IF (Immunofluorescence)



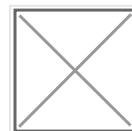
WB (Western Blot)



WB (Western Blot)



WB (Western Blot)



ADDITIONAL INFORMATION

Related Product Information for anti-VAMP2 antibody	Synaptobrevin 2 (Vesicle-associated membrane, VAMP2), which is an 18 kDa integral membrane protein localized to the cytoplasmic surface of synaptic vesicle, consists of a proline-rich N-terminal region, a highly conserved hydrophilic domain, followed by a transmembrane anchor and a C-terminal tail. Synaptobrevin 2 is predominantly expressed in Langerhans islets and glomerular cells. The N-terminal domain of the protein forms a specific SNARE complex with the target membrane-associated t- or Q-SNAREs syntaxin 1 and SNAP-25. This antibody recognizes specifically synaptobrevin 2, but it also shows a low affinity to synaptobrevin 1.
Product Categories/Family for anti-VAMP2 antibody	Neuroscience
References	Andres C et al., (1995) Proc Natl Acad Sci USA 92:5987-5991; Jacobsson G et al., (1998) European Journal of Neuroscience 16:301-316; Scales SJ. et al (2002) J Biol. Chem. 227 (31):28271-28279; Pennuto M et al., (2003) Mol Biol Cell. 14:4909-19

NCBI AND UNIPROT INFORMATION

NCBI GI #	172072620
NCBI GeneID	6844
NCBI Accession #	NP_055047
NCBI GenBank Nucleotide #	NM_014232.2
UniProt Accession #	P63027; P19065; Q9BUC2
NCBI Official Full Name	vesicle-associated membrane protein 2 isoform 1
NCBI Official Synonym Full Names	vesicle associated membrane protein 2
NCBI Official Symbol	VAMP2
NCBI Official Synonym Symbols	SYB2; VAMP-2
NCBI Protein Information	vesicle-associated membrane protein 2
UniProt Protein Name	Vesicle-associated membrane protein 2
UniProt Gene Name	VAMP2
UniProt Synonym Gene Names	SYB2; VAMP-2

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/synaptobrevin-2-antibody-clone-3e5-immunofluorescence-immunocytochemistry-western-blot-elisa/47999>