

Mouse Synaptobrevin (VAMP) Monoclonal Antibody | anti-VAMP1/2 antibody

Anti-Synaptobrevin (VAMP)

CATALOG # AAA72753	HOST Mouse	APPLICATIONS Immunohistochemistry, Western Blot
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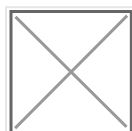
PRODUCT SYNONYMS

Synaptobrevin (VAMP); Monoclonal Antibody; Anti-Synaptobrevin (VAMP); anti-VAMP1/2 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgM
Clone Number	SP10
Specificity	The antibody is specific for the ~16kDa synaptobrevin protein in Western blots of rat brain lysate. The antibody has also been demonstrated to work in immunohistochemistry on formalin fixed, vibratome sections, but does not work on paraffin sections.
Purity/Purification	IgM Purified (Purified culture supernatant.)
Form/Format	100 ul in 10 mM HEPES (pH 7.5), 150 mM NaCl, 100 ug per ml BSA and 50% glycerol. Adequate amount of material to conduct 10-mini Western Blots.
Sequence Length	118
Applicable Applications for anti-VAMP1/2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Antigen	Synaptic immunoprecipitate (crude) from human brain.
Preparation and Storage	For long term storage -80°C is recommended, but shorter term storage at -20°C is also acceptable as aliquots may be taken without freeze/thawing due to the presence of 50% glycerol. Stock solutions acceptable for a minimum of 1 year at -20°C

IMAGES



Application Data

ADDITIONAL INFORMATION

Related Product Information for anti-VAMP1/2 antibody	Mouse monoclonal antibody
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References	• Deák F, Schoch S, Liu X, Südhof TC, Kavalali ET (2004) Synaptobrevin is essential for fast synaptic-vesicle endocytosis. Nat Cell Biol. 2004 Nov;6(11):1102-8. • Sze CI, Bi H, Kleinschmidt-DeMasters BK, Filley CM, Martin LJ (2000) Selective regional loss of exocytotic presynaptic vesicle proteins in Alzheimer's disease brains. J Neurol Sci.175(2):81-90. • Honer, W. G., Hu, L. & Davies, P. Human synaptic proteins with a heterogeneous distribution in cerebellum and visual cortex (1993). Brain Research 609, 9-20.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	7657673
NCBI GeneID	6843
NCBI Accession #	NP_055046.1
NCBI GenBank Nucleotide #	NM_014231.3
UniProt Accession #	P23763; O75468; Q15857; Q6FG94; Q8IVC9; A8MVP3; D3DUR3
NCBI Official Full Name	vesicle-associated membrane protein 1 isoform 1
NCBI Official Synonym Full Names	vesicle-associated membrane protein 1 (synaptobrevin 1)
NCBI Official Symbol	VAMP1
NCBI Official Synonym Symbols	SYB1; VAMP-1
NCBI Protein Information	vesicle-associated membrane protein 1; synaptobrevin 1; synaptobrevin-1
UniProt Protein Name	Vesicle-associated membrane protein 1
UniProt Gene Name	VAMP1
UniProt Synonym Gene Names	SYB1; VAMP-1
UniProt Entry Name	VAMP1_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.