



VAMP1 Polyclonal Antibody

Catalog No	YP-Ab-07123
Isotype	IgG
Reactivity	Human;Rat;Mouse
Applications	WB;ELISA
Gene Name	VAMP1 SYB1
Immunogen	Synthesized peptide derived from human protein . at AA range: 30-110
Specificity	VAMP1 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Vesicle-associated membrane protein 1;VAMP-1;VAMP 1;VAMP1;VAMP1 SYB1;Vesicle-associated membrane protein 1 (VAMP-1) (Synaptobrevin-1)
Observed Band	12kD
Calculated Molecular Weight	12kD
Cell Pathway	[Isoform 1]: Cytoplasmic vesicle, secretory vesicle, synaptic vesicle membrane ; Single-pass type IV membrane protein . Cell junction, synapse, synaptosome .; [Isoform 2]: Cytoplasmic vesicle membrane ; Single-pass type IV membrane protein . Cell junction, synapse, synaptosome .; [Isoform 3]: Mitochondrion outer membrane; Single-pass type IV membrane protein .
Tissue Specificity	Nervous system, skeletal muscle and adipose tissue.
Function	function:Involved in the targeting and/or fusion of transport vesicles to their target membrane.,similarity:Belongs to the synaptobrevin family.,similarity:Contains 1 v-SNARE coiled-coil homology domain.,subunit:Interacts with VAPA and VAPB.,tissue specificity:Nervous system, skeletal muscle and adipose tissue.,



Background

Synapotobrevins, syntaxins, and the synaptosomal-associated protein SNAP25 are the main components of a protein complex involved in the docking and/or fusion of synaptic vesicles with the presynaptic membrane. The protein encoded by this gene is a member of the vesicle-associated membrane protein (VAMP)/synaptobrevin family. Mutations in this gene are associated with autosomal dominant spastic ataxia 1. Multiple alternative splice variants have been described, but the full-length nature of some variants has not been defined. [provided by RefSeq, Jul 2014],

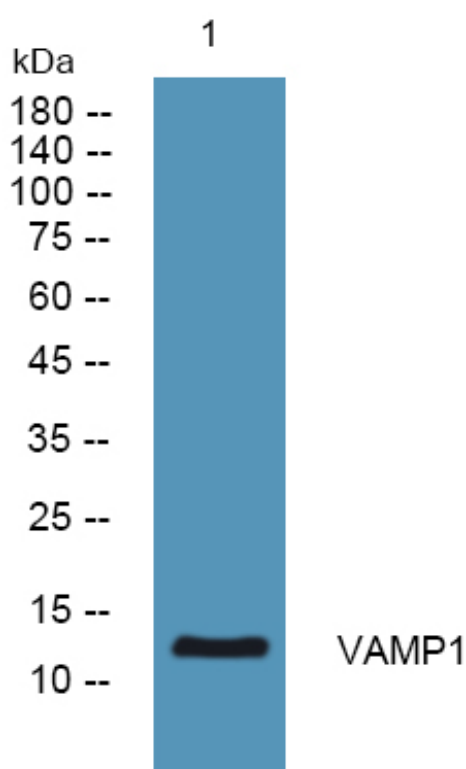
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western blot analysis of lysates from PC12 cells, primary antibody was diluted at 1:1000, 4° over night