

VAMP2 polyclonal antibody

Catalog # PAB5109 Size 150 ug

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant VAMP2.
Immunogen	Recombinant protein corresponding to human VAMP2.
Host	Rabbit
Reactivity	Human
Form	Liquid
Quality Control Testing	Antibody Reactive Against Recombinant protein.
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.5 (50% glycerol, 0.01% thimerosal)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains thimerosal: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunoprecipitation
- Enzyme Immunoassay

Gene Info — VAMP2

Entrez GeneID	6844
Gene Name	VAMP2

Gene Alias	FLJ11460, SYB2, VAMP-2
Gene Description	vesicle-associated membrane protein 2 (synaptobrevin 2)
Omim ID	185881
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a member of the vesicle-associated membrane protein (VAMP)/synaptobrevin family. Synaptobrevins/VAMPs, syntaxins, and the 25-kD 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. This gene is thought to participate in neurotransmitter release at a step between docking and fusion. The protein forms a stable complex with syntaxin, synaptosomal-associated protein, 25 kD, and synaptotagmin. It also forms a distinct complex with synaptophysin. It is a likely candidate gene for familial infantile myasthenia (FIMG) because of its map location and because it encodes a synaptic vesicle protein of the type that has been implicated in the pathogenesis of FIMG. [provided by RefSeq]
Other Designations	synaptobrevin 2 vesicle associated membrane protein 2

Pathway

- [SNARE interactions in vesicular transport](#)

Disease

- [Alzheimer disease](#)
- [Bipolar Disorder](#)
- [Cardiovascular Diseases](#)
- [Depressive Disorder](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Epilepsy](#)
- [Genetic Predisposition to Disease](#)
- [Mental Retardation](#)
- [Metabolic Syndrome X](#)
- [Neoplasms](#)

- [Osteoporosis](#)
- [Psychiatric Status Rating Scales](#)
- [Schizophrenia](#)