

VAMP-1/2/3 rabbit pAb**Cat#: orb770193 (Manual)**

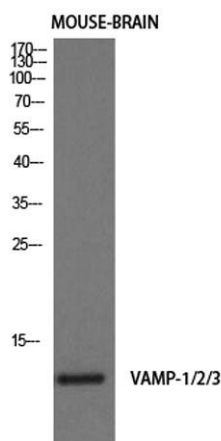
For research use only. Not intended for diagnostic use.

Product Name	VAMP-1/2/3 rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human VAMP-1/2/3. AA range:21-70
Specificity	VAMP-1/2/3 Polyclonal Antibody detects endogenous levels of VAMP-1/2/3 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Vesicle-associated membrane protein 1/2/3
Gene Name	VAMP1/VAMP2/VAMP3
Cellular localization	[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 .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

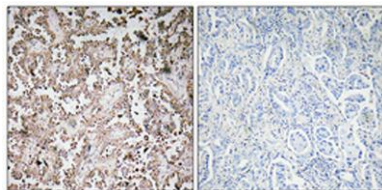
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	13kD
Human Gene ID	6843/6844/9341
Human Swiss-Prot Number	P23763/P63027/Q15836
Alternative Names	VAMP1; SYB1; Vesicle-associated membrane protein 1; VAMP-1; Synaptobrevin-1; VAMP2; SYB2; Vesicle-associated membrane protein 2; VAMP-2; Synaptobrevin-2; VAMP3; SYB3; Vesicle-associated membrane protein 3; VAMP-3; Cellubrevin; CEB; Synaptob

Background

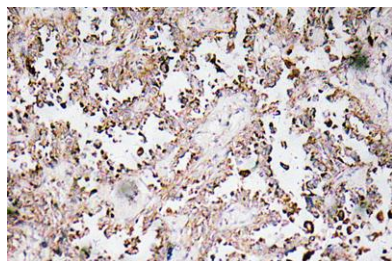
Synaptobrevins, syntaxins, and the synaptosomal-associated protein SNAP25 are the main components of a protein complex involved in the docking and/or fusion of synaptic vesicles with the presynaptic membrane. The protein encoded by this gene is a member of the vesicle-associated membrane protein (VAMP)/synaptobrevin 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],



Western Blot analysis of mouse-brain cells using VAMP-1/2/3 Polyclonal Antibody diluted at 1:1000. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded Human lung cancer. Antibody was diluted at 1:100(4° overnight). High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negative contrl (right) obtained from antibody was pre-absorbed



Immunohistochemistry analysis of VAMP-1/2/3 antibody in paraffin-embedded human lung carcinoma tissue.