



# VAMP-1/2/3 Polyclonal Antibody

<b>Catalog No</b>	BYab-00753
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Mouse;Rat
<b>Applications</b>	WB;IHC;IF;ELISA
<b>Gene Name</b>	VAMP1/VAMP2/VAMP3
<b>Protein Name</b>	Vesicle-associated membrane protein 1/2/3
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human VAMP-1/2/3. AA range:21-70
<b>Specificity</b>	VAMP-1/2/3 Polyclonal Antibody detects endogenous levels of VAMP-1/2/3 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	IHC: 1/100 - 1/300. ELISA: 1/10000.. IF 1:50-200
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	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
<b>Observed Band</b>	13kD
<b>Cell Pathway</b>	[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 .
<b>Tissue Specificity</b>	Nervous system, skeletal muscle and adipose tissue.
<b>Function</b>	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.,

**Nanjing BYabscience technology Co.,Ltd**



---

**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**

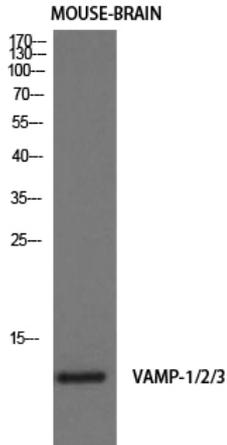
This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

---

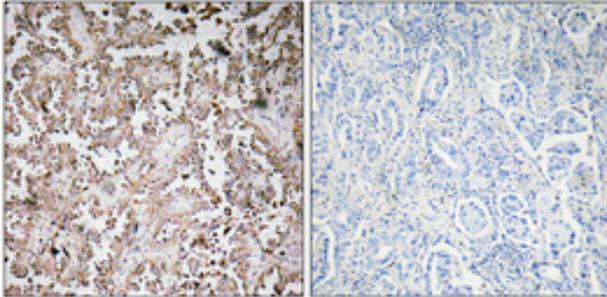
---



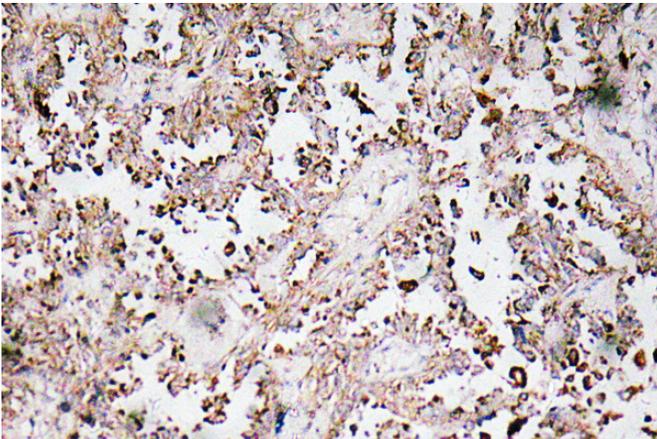
## Products Images



Western Blot analysis of 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 control (right) obtained from antibody was pre-absorbed by immunogen peptide.



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