



# VAMP2 mouse mAb

Catalog No	BYmab-18219
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	VAMP2 SYB2
Protein Name	Vesicle-associated membrane protein 2 (VAMP-2) (Synaptobrevin-2)
Immunogen	Synthesized peptide derived from human VAMP2
Specificity	This antibody detects endogenous levels of VAMP2 at Human, Mouse,Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	13kD
Cell Pathway	Cytoplasmic vesicle, secretory vesicle, synaptic vesicle membrane ; Single-pass type IV membrane protein . Cell membrane . Colocalizes with PRKCZ and WDFY2 in intracellular vesicles (PubMed:17313651). .
Tissue Specificity	Nervous system and skeletal muscle.
Function	Involved in the targeting and/or fusion of transport vesicles to their target membrane (By similarity). Major SNARE protein of synaptic vesicles which mediates fusion of synaptic vesicles to release neurotransmitters. Essential for fast vesicular exocytosis and activity-dependent neurotransmitter release as well as fast endocytosis that mediates rapid reuse of synaptic vesicles (By similarity) . Modulates the gating characteristics of the delayed rectifier voltage-dependent potassium channel KCNB1.
Background	

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**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