
Product Name: VAMP2 Rabbit Monoclonal Antibody**Catalog #: AMRe03815**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IP
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,IP 1:20-1:50
Molecular Weight	Calculated MW: 13 kDa; Observed MW: 13 kDa

Antigen Information

Gene Name	VAMP2
Alternative Names	vesicle-associated membrane protein 2 (synaptobrevin 2); SYB2; VAMP-2
Gene ID	6844
SwissProt ID	P63027
Immunogen	A synthetic peptide of human VAMP2

Background

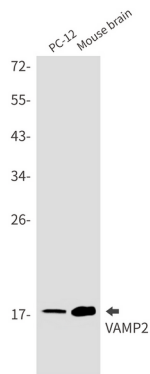
The SNARE complex is involved in vesicular transport and membrane fusion, a process regulated by calcium. In neurons, VAMP2 is predominantly inserted in presynaptic vesicle membranes. Assembly of VAMP2 with the plasma membrane SNAREs

syntaxin 1 and SNAP25 is a key event necessary for membrane fusion and neurotransmitter release.

Research Area

Signal Transduction

Image Data



Western blot analysis of VAMP2 in PC-12, mouse brain lysates using VAMP2 antibody.