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## Summary

<b>Production Name</b>	VAMP2 Rabbit Monoclonal Antibody
<b>Description</b>	Recombinant Rabbit Monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IP
<b>Reactivity</b>	Human,Mouse,Rat

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal Antibody
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
<b>Purification</b>	Affinity Purified

## Immunogen

<b>Gene Name</b>	VAMP2
<b>Alternative Names</b>	vesicle-associated membrane protein 2 (synaptobrevin 2); SYB2; VAMP-2
<b>Gene ID</b>	6844
<b>SwissProt ID</b>	P63027

## Application

<b>Dilution Ratio</b>	WB: 1/500-1/1000 IP: 1/20
<b>Molecular Weight</b>	Calculated MW: 13 kDa; Observed MW: 13 kDa

## Background

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

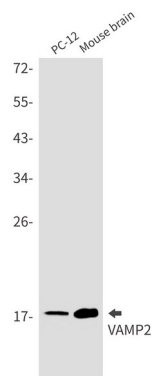


The SNARE complex is involved in vesicular transport and membrane fusion, a process regulated by calcium. In neurons, VAMP2 is predominantly inserted in presynaptic vesicle membranes. Assembly of VAMP2 with the plasma membrane SNAREs syntaxin 1 and SNAP25 is a key event necessary for membrane fusion and neurotransmitter release.

## Research Area

Signal Transduction

## Image Data



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

## Note

For research use only.