VAMP2 polyclonal antibody

Vesicle-associated membrane protein (VAMP), also known as synaptobrevin, is an 18 kDa integral membrane protein localized to the cytoplasmic surface of synaptic vesicles. Two VAMP homologs, VAMP1 and VAMP2, are differentially expressed in the nervous system. VAMP2 is found in neurons associated with autonomic, sensory and integrative functions, and in non-neuronal Langerhans islets and glomerular cells. VAMP is a component of a 20S complex implicated in vesicle docking and fusion, the formation of which involves the interaction of VAMP with syntaxin through an ATP-dependent reaction modulated by synaptotagmin, SNAP-25, alpha-SNAP, and NSF.

This antibody is covered by our Worry-Free Guarantee.

Citations: 8 View Online »

Ordering Information

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ADI-VAS-SV006-D	50µg

Manuals, SDS & CofA

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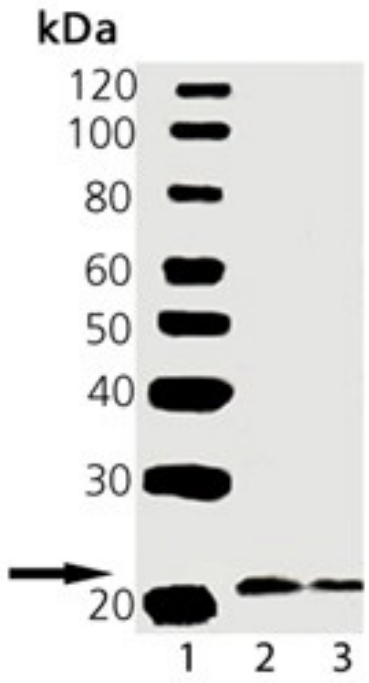

Western blot analysis of VAMP2, pAb: Lane 1: Molecular Weight Marker, Lane 2: Mouse Brain Tissue Extract (Prod. No.: ADI-LYT-MB100), Lane 3: Rat Brain Tissue Extract (Prod. No.: ADI-LYT-RB100)

Handling & Storage

Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	Synaptobrevin, Vesicle-associated membrane protein 2
Application	ICC, IP, WB
Application Notes	Detects a band of ~18kDa by Western blot.
Formulation	Liquid. In PBS, pH 7.2, containing 50% glycerol and 0.09% sodium azide.
GenBank ID	M24105
Host	Rabbit
Immunogen	Synthetic peptide corresponding to a portion of rat VAMP2. The sequence is completely conserved in mouse, human, bovine, and Xenopus.
Purity Detail	Protein A affinity purified.
Recommendation Dilutions/Conditions	Western Blot (1:1,000, ECL)Suggested dilutions/conditions may not be available for all applications.Optimal conditions must be determined individually for each application.
Source	Purified from rabbit serum.
Species Reactivity	Bovine, Guinea pig, Human, Mouse, Rabbit, Rat
UniProt ID	P63045
Worry-free Guarantee	**This antibody is covered by our Worry-Free Guarantee .**

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