

Datasheet for ABIN351335 **anti-VAMP1 antibody**



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Overview

Quantity:	500 µg
Target:	VAMP1
Reactivity:	Rat
Host:	Sheep
Clonality:	Polyclonal
Conjugate:	This VAMP1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Purpose:	Sheep antibody to VAMP-1
Immunogen:	A synthetic peptide from rat VAMP-1 conjugated to an immunogenic carrier protein was used as the antigen. The antigen is homologous in mouse.
Isotype:	IgG
Specificity:	Specific for VAMP1.
Cross-Reactivity:	Mouse, Rat
Cross-Reactivity (Details):	Other species not yet tested.
Purification:	IgG

Target Details

Target:	VAMP1
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Target Details

Alternative Name:	VAMP-1 (VAMP1 Products)
Background:	FUNCTION: Involved in the targeting and/or fusion of transport vesicles to their target membrane. SUBUNIT: Interacts with VAPA and VAPB. SUBCELLULAR LOCATION: Isoform 1: Cytoplasmic vesicle secretory vesicle synaptic vesicle membrane, Single-pass type IV membrane protein. Cell junction synapse synaptosome. SUBCELLULAR LOCATION: Isoform 2: Cytoplasmic vesicle membrane, Single-pass type IV membrane protein. Note: Isoforms 2 and 3 are found in perinuclear as well as peripheral punctate structures in osteoblasts. SUBCELLULAR LOCATION: Isoform 3: Mitochondrion outer membrane, Single-pass type IV membrane protein. Note=Isoforms 2 and 3 are found in perinuclear as well as peripheral punctate structures in osteoblasts. TISSUE SPECIFICITY: Expressed in brain and spleen (at protein level). Isoform 1 expressed at very high level in brain. Even higher level found in spinal cord. Isoform 3 expressed in kidney spleen and liver. Isoforms 2 and 3 expressed in osteoblasts of trabecular bone. Also expressed in heart.
UniProt:	Q63666

Application Details

Application Notes:	IHC WB. A concentration of 10-50,µg/ml is recommended. The optimal concentration should be determined by the end user. Not yet tested in other applications.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Reconstitute in 500 µl of sterile water. Centrifuge to remove any insoluble material.
Handling Advice:	Avoid freeze and thaw cycles.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain the lyophilised/reconstituted antibodies frozen at -20°C for long term storage and refrigerated at 2-8°C for a shorter term. When reconstituting glycerol (1:1) may be added for an additional stability. Avoid freeze and thaw cycles.
Expiry Date:	12 months