

[Go to Product page](#)

Datasheet for ABIN351336 **anti-VAMP3 antibody**

Overview

Quantity:	500 µg
Target:	VAMP3
Reactivity:	Human
Host:	Sheep
Clonality:	Polyclonal
Conjugate:	This VAMP3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	A synthetic peptide from human VAMP3 conjugated to an immunogenic carrier protein was used as the antigen. The peptide is homologous in rat and mouse.
Isotype:	IgG
Specificity:	Specific for VAMP3.
Cross-Reactivity:	Human, Mouse, Rat
Cross-Reactivity (Details):	Other species not yet tested.
Purification:	IgG

Target Details

Target:	VAMP3
Alternative Name:	VAMP 3 (VAMP3 Products)

Target Details

Background:	Synaptobrevins/VAMPs, syntaxins, and the 25-kD synaptosomal-associated protein are the main components of a protein complex involved in the docking and/or fusion of synaptic vesicles with the presynaptic membrane. This gene is a member of the vesicle-associated membrane protein (VAMP)/synaptobrevin family. Because of its high homology to other known VAMPs, its broad tissue distribution, and its subcellular localization, the protein encoded by this gene was shown to be the human equivalent of the rodent cellubrevin. In platelets the protein resides on a compartment that is not mobilized to the plasma membrane on calcium or thrombin stimulation. FUNCTION: Trafficking protein from a constitutively recycling pathway. SUBCELLULAR LOCATION: Membrane, Single-pass type IV membrane protein. Cell junction, synapse, synaptosome.,Vesicle Transport,VAMP-3, VAMP3, Synaptobrevin-3, Cellubrevin, SYB3, CEB
UniProt:	Q15836

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