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Datasheet for ABIN7271313 anti-VAMP2 antibody

4 Images



Overview

Quantity:	100 μL
Target:	VAMP2
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This VAMP2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Purpose:	VAMP2 Rabbit mAb
Immunogen:	A synthesized peptide derived from human VAMP2
Isotype:	lgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	VAMP2
Alternative Name:	VAMP2 (VAMP2 Products)
Background:	The protein encoded by this gene is a member of the vesicle-associated membrane protein

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	(VAMP)/synaptobrevin family. Synaptobrevins/VAMPs, syntaxins, and the 25-kD synaptosomal-
	associated protein SNAP25 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
	thought to participate in neurotransmitter release at a step between docking and fusion. The
	protein forms a stable complex with syntaxin, synaptosomal-associated protein, 25 kD, and
	synaptotagmin. It also forms a distinct complex with synaptophysin. It is a likely candidate
	gene for familial infantile myasthenia (FIMG) because of its map location and because it
	encodes a synaptic vesicle protein of the type that has been implicated in the pathogenesis of
	FIMG. [provided by RefSeq, Jul 2008],SYB2, VAMP-2,Cancer,Cell Type Marker,Cell Type
	Marker_Neuron marker,Cell Type Marker_Synapse marker,Endocrine &
	Metabolism,Neuroscience,Signal Transduction,VAMP2
Molecular Weight:	16kDa
Gene ID:	6844
UniProt:	P63027
Pathways:	Peptide Hormone Metabolism, Synaptic Vesicle Exocytosis, Dicarboxylic Acid Transport

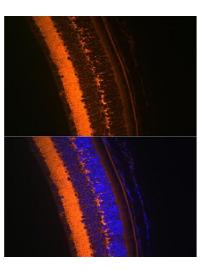
Application Details

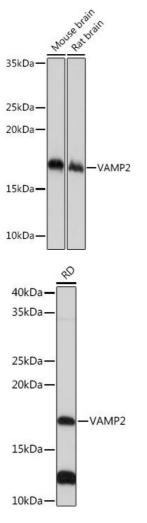
Application Notes:	WB,1:500 - 1:2000,IF,1:50 - 1:200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

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Immunofluorescence

Image 1. Immunofluorescence analysis of mouse eye using V Rabbit mAb (ABIN7271313) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.

Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using V Rabbit mAb (ABIN7271313) at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution.Lysates/proteins: 25 µg per lane.Blocking buffer: 3 % nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 1s.

Western Blotting

Image 3. Western blot analysis of extracts of RD cells, using V Rabbit mAb (ABIN7271313) at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution.Lysates/proteins: 25 µg per lane.Blocking buffer: 3 % nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 30s.

Please check the product details page for more images. Overall 4 images are available for ABIN7271313.

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