

Datasheet for ABIN350909
anti-SNAP25 antibody



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Overview

Quantity:	500 µg
Target:	SNAP25
Reactivity:	Mouse
Host:	Sheep
Clonality:	Polyclonal
Conjugate:	This SNAP25 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Purpose:	Sheep antibody to SNAP-25
Immunogen:	A synthetic peptide from mouse SNAP-25 conjugated to blue carrier protein was used as the antigen. The peptide is homologous in rat and human.
Isotype:	IgG
Specificity:	Specific for SNAP-25.
Cross-Reactivity:	Human, Mouse, Rat
Cross-Reactivity (Details):	Other species not yet tested.
Purification:	IgG

Target Details

Target:	SNAP25
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Target Details

Alternative Name:	SNAP-25 (SNAP25 Products)
Background:	FUNCTION: t-SNARE involved in the molecular regulation of neurotransmitter release. May play an important role in the synaptic function of specific neuronal systems. Associates with proteins involved in vesicle docking and membrane fusion. SUBUNIT: Part of the SNARE core complex containing SNAP25 VAMP2 and STX1A. This complex binds CPLX1. Interacts with TRIM9 RIMS1 SNAP25BP and HGS. Binds STXBP6. Found in a ternary complex with STX1A and VAMP8. Found in a complex containing SYT1 SV2B and syntaxin-1. SUBCELLULAR LOCATION: Membrane, Lipid-anchor. Cell junction synapse synaptosome. Note: Membrane association requires palmitoylation. TISSUE SPECIFICITY: Neurons of the neocortex hippocampus piriform cortex anterior thalamic nuclei pontine nuclei and granule cells of the cerebellum.
UniProt:	P60881
Pathways:	Positive Regulation of Peptide Hormone Secretion , Hormone Transport , Synaptic Vesicle Exocytosis , Dicarboxylic Acid Transport

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.
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