

Datasheet for ABIN7270671
anti-SNAP25 antibody



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1 Image

Overview

Quantity:	100 µL
Target:	SNAP25
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This SNAP25 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	SNAP25 Rabbit mAb
Immunogen:	A synthesized peptide derived from human SNAP25
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	SNAP25
Alternative Name:	SNAP25 (SNAP25 Products)
Background:	Synaptic vesicle membrane docking and fusion is mediated by SNAREs (soluble N-

Target Details

ethylmaleimide-sensitive factor attachment protein receptors) located on the vesicle membrane (v-SNAREs) and the target membrane (t-SNAREs). The assembled v-SNARE/t-SNARE complex consists of a bundle of four helices, one of which is supplied by v-SNARE and the other three by t-SNARE. For t-SNAREs on the plasma membrane, the protein syntaxin supplies one helix and the protein encoded by this gene contributes the other two. Therefore, this gene product is a presynaptic plasma membrane protein involved in the regulation of neurotransmitter release. Two alternative transcript variants encoding different protein isoforms have been described for this gene. [provided by RefSeq, Jul 2008],CMS18, RIC-4, RIC4, SEC9, SNAP, SNAP-25, SUP, bA416N4.2, dJ1068F16.2,Cancer,Cell Type Marker,Cell Type Marker_Neuron marker,Cell Type Marker_Synapse marker,Endocrine & Metabolism,Neuroscience,Signal Transduction,SNAP25

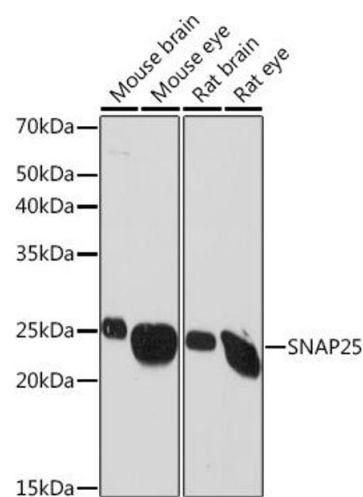
Molecular Weight:	25kDa
Gene ID:	6616
UniProt:	P60880
Pathways:	Positive Regulation of Peptide Hormone Secretion , Hormone Transport , Synaptic Vesicle Exocytosis , Dicarboxylic Acid Transport

Application Details

Application Notes:	WB,1:500 - 1:2000
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.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using SN Rabbit mAb (ABIN7270671) 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.