

Datasheet for ABIN306924
anti-SNAP25 antibody



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Overview

Quantity:	100 µg
Target:	SNAP25
Reactivity:	Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This SNAP25 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC)

Product Details

Immunogen:	Hybridoma produced by the fusion of splenocytes from BALB/c mice immunized with rat brain synaptosomal membranes and mouse NS1 cells.
Clone:	S-7B8
Isotype:	IgG1
Cross-Reactivity:	Chicken, Cow, Human, Monkey, Mouse, Rat
Characteristics:	Synaptosome-Associated Protein of 25 kDa, SNAP25 (Synaptosome-Associated Protein of 25 kDa) is a membrane bound, pre-synaptic nerve terminal protein that plays an essential role in synaptic vesicle fusion and exocytosis. It is involved in the molecular regulation of neurotransmitter release. It is thought to play an important role in the synaptic function of specific neuronal systems. SNAP25 associates with proteins involved in vesicle docking and membrane fusion. SNAP25 exists as two alternatively spliced isoforms, SNAP25A and

Product Details

SNAP25B. These isoforms are differentially expressed in neurons and neuroendocrine cells. These two isoforms differ by 9 amino acids in the central portion of the protein.

Purification: Protein A/G Chromatography

Target Details

Target: SNAP25

Alternative Name: SNAP25 ([SNAP25 Products](#))

UniProt: [P60880](#)

Pathways: [Positive Regulation of Peptide Hormone Secretion](#), [Hormone Transport](#), [Synaptic Vesicle Exocytosis](#), [Dicarboxylic Acid Transport](#)

Application Details

Application Notes: Antibody can be used for Western blotting (1-5 µg/mL), immunocytochemistry and immunohistochemistry on paraformaldehyde fixed CNS tissues (1-5 µg/mL). Does not stain reduced proteins. Optimal concentration should be evaluated by serial dilutions.

Restrictions: For Research Use only

Handling

Buffer: Provided as solution in phosphate buffered saline with 0.08 % sodium azide

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: Product should be stored at -20°C. Aliquot to avoid freeze/thaw cycles