

SNAP25 Antibody

Rabbit mAb Catalog # AP93252

Specification

SNAP25 Antibody - Product Information

Application WB, IHC
Primary Accession
Reactivity Rat

Clonality Monoclonal

Other Names

Bdr; Resistance to inhibitors of cholinesterase 4 homolog; RIC4; SEC9; SNAP 25; SNAP; SNAP25; SNP25; SUP; Super protein; Synaptosomal associated 25 kDa protein; Synaptosomal associated protein; Synaptosomal associated protein; Synaptosomal-associated protein; Synaptosomal-associated protein;

Isotype Rabbit IgG
Host Rabbit
Calculated MW 23315 Da

SNAP25 Antibody - Additional Information

Dilution WB~~1:1000

IHC~~1:100~500

Purification Affinity-chromatography

Immunogen A synthesized peptide derived from human

SNAP25

Description 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. Regulates plasma membrane recycling through its

interaction with CENPF.

Storage Condition and Buffer Rabbit IgG in phosphate buffered saline,

pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid

freeze / thaw cycle.

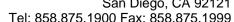
SNAP25 Antibody - Protein Information

Name SNAP25

Synonyms SNAP

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. Regulates plasma membrane recycling through its interaction with CENPF. Modulates the gating characteristics of the delayed rectifier voltage-dependent potassium channel KCNB1 in pancreatic beta cells.

Cellular Location

Cytoplasm, perinuclear region {ECO:0000250|UniProtKB:P60879}. Cell membrane {ECO:0000250|UniProtKB:P60881}; Lipid-anchor {ECO:0000250|UniProtKB:P60879}. Synapse, synaptosome {ECO:0000250|UniProtKB:P60879}. Photoreceptor inner segment {ECO:0000250|UniProtKB:P60879}. Note=Membrane association requires palmitoylation. Expressed throughout cytoplasm, concentrating at the perinuclear region. Colocalizes with KCNB1 at the cell membrane (By similarity). Colocalizes with PLCL1 at the cell membrane (By similarity). {ECO:0000250|UniProtKB:P60879, ECO:0000250|UniProtKB:P60881}

Tissue Location

Neurons of the neocortex, hippocampus, piriform cortex, anterior thalamic nuclei, pontine nuclei, and granule cells of the cerebellum

SNAP25 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- <u>Immunofluorescence</u>
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

SNAP25 Antibody - Images