

**Goat anti-SNAP25, Biotinylated Antibody**  
Peptide-affinity purified goat antibody  
Catalog # AF4428a

## Specification

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### Goat anti-SNAP25, Biotinylated Antibody - Product Information

Application	WB, IHC, Pep-ELISA
Primary Accession	<a href="#">P60880</a>
Other Accession	<a href="#">NP_003072.2</a> , <a href="#">NP_570824.1</a>
Reactivity	Human, Mouse, Rat, Dog
Host	Goat
Clonality	Polyclonal
Calculated MW	23315

### Goat anti-SNAP25, Biotinylated Antibody - Additional Information

Gene ID 6616

#### Other Names

SNAP25; synaptosome associated protein 25kDa; CMS18; RIC-4; RIC4; SEC9; SNAP; SNAP-25; SUP; bA416N4.2; dJ1068F16.2; resistance to inhibitors of cholinesterase 4 homolog; synaptosomal-associated protein, 25kDa

#### Format

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.

#### Immunogen

This antibody is expected to recognise both reported isoforms NP\_003072.2 (SNAP25A) and NP\_570824.1 (SNAP25B). Reported variants represent identical protein: NP\_001309831.1, NP\_003072.2 Reported variants represent identical protein: NP\_001309834.1, NP\_001

#### Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

#### Precautions

Goat anti-SNAP25, Biotinylated Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

### Goat anti-SNAP25, Biotinylated 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

### Goat anti-SNAP25, Biotinylated Antibody - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### Goat anti-SNAP25, Biotinylated Antibody - Images