

**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

**Dilution**

WB~~1:1000  
IHC~~1:100~500  
Pep-ELISA~~N/A

**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**