

# Goat anti-SNAP25, Biotinylated Antibody

Peptide-affinity purified goat antibody

Catalog # AF4428a

## Product Information

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<b>Application</b>	WB, IHC, Pep-ELISA
<b>Primary Accession</b>	<a href="#">P60880</a>
<b>Other Accession</b>	<a href="#">NP_003072.2</a> , <a href="#">NP_570824.1</a>
<b>Reactivity</b>	Human, Mouse, Rat, Dog
<b>Host</b>	Goat
<b>Clonality</b>	Polyclonal
<b>Clone Names</b>	SNAP25
<b>Calculated MW</b>	23315

## Additional Information

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<b>Gene ID</b>	6616
<b>Other Names</b>	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
<b>Dilution</b>	WB~~1:1000 IHC~~1:100~500 Pep-ELISA~~N/A
<b>Format</b>	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.
<b>Immunogen</b>	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
<b>Storage</b>	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.
<b>Precautions</b>	Goat anti-SNAP25, Biotinylated Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	SNAP25
<b>Synonyms</b>	SNAP  t-SNARE involved in the molecular regulation of neurotransmitter release.

<b>Function</b>	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.
<b>Cellular Location</b>	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}
<b>Tissue Location</b>	Neurons of the neocortex, hippocampus, piriform cortex, anterior thalamic nuclei, pontine nuclei, and granule cells of the cerebellum

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.