

**SNAP25 Antibody (aa151-200)**  
**Rabbit Polyclonal Antibody**  
**Catalog # ALS15428****Specification**

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**SNAP25 Antibody (aa151-200) - Product Information**

|                   |                          |
|-------------------|--------------------------|
| Application       | <b>WB, IHC</b>           |
| Primary Accession | <a href="#">P60880</a>   |
| Reactivity        | <b>Human, Mouse, Rat</b> |
| Host              | <b>Rabbit</b>            |
| Clonality         | <b>Polyclonal</b>        |
| Calculated MW     | <b>23kDa KDa</b>         |

**SNAP25 Antibody (aa151-200) - Additional Information****Gene ID** 6616**Other Names**

Synaptosomal-associated protein 25, SNAP-25, Super protein, SUP, Synaptosomal-associated 25 kDa protein, SNAP25, SNAP

**Target/Specificity**

SNAP25 Antibody detects endogenous levels of total SNAP25 protein.

**Reconstitution & Storage**

Store at -20°C for up to one year.

**Precautions**

SNAP25 Antibody (aa151-200) is for research use only and not for use in diagnostic or therapeutic procedures.

**SNAP25 Antibody (aa151-200) - 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

#### Volume

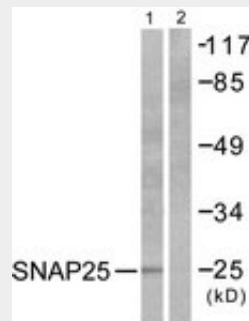
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#### SNAP25 Antibody (aa151-200) - Protocols

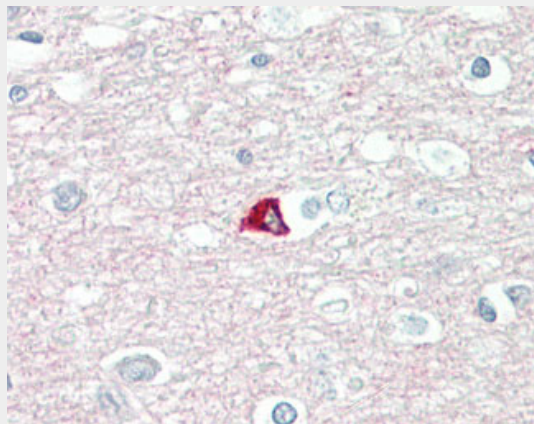
Provided below are standard protocols that you may find useful for product applications.

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

#### SNAP25 Antibody (aa151-200) - Images



Western blot of extracts from Raw264.7 cells, treated with EGF 200 ng/ml 30', using SNAP25 Antibody.



Anti-SNAP / SNAP25 antibody IHC of human brain, cortex.

### **SNAP25 Antibody (aa151-200) - Background**

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.

### **SNAP25 Antibody (aa151-200) - References**

- Bark I.C., et al. Gene 139:291-292(1994).  
Zhao N., et al. Gene 145:313-314(1994).  
Jagadish M.N., et al. Biochem. J. 317:945-954(1996).  
Kalnine N., et al. Submitted (OCT-2004) to the EMBL/GenBank/DDBJ databases.  
Ota T., et al. Nat. Genet. 36:40-45(2004).