10320 Camino Santa Fe, Suite G
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SNAP25 Antibody (aa151-200)
Rabbit Polyclonal Antibody
Catalog # ALS15428

Specification

SNAP25 Antibody (aa151-200) - Product Information

Application	**WB, IHC**
Primary Accession	P60880
Reactivity	**Human, Mouse, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**23kDa KDa**

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

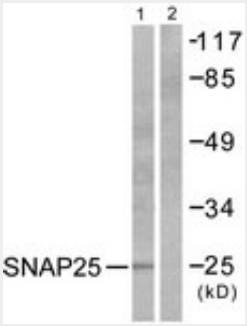
Volume
50 µl

SNAP25 Antibody (aa151-200) - Protocols

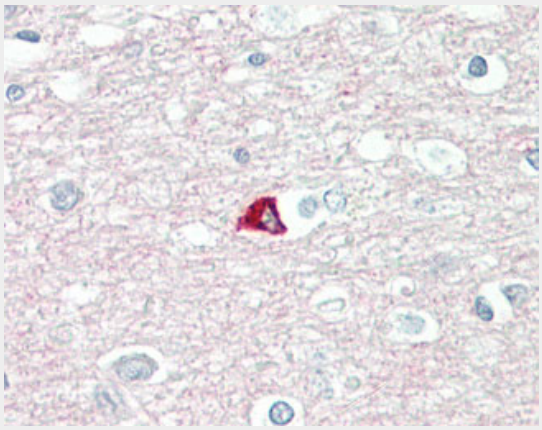
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- 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.



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

SNAP25 Antibody (aa151-200) - Background

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SNAP25 Antibody (aa151-200) - References

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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).