# SNAP-25 Antibody

Catalog No: #48267

Package Size: #48267-1 50ul #48267-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

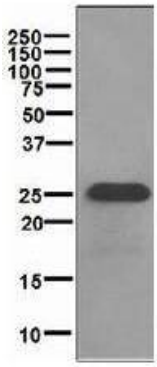
## Description

| | |
|---|---|
| Product Name | SNAP-25 Antibody |
| Host Species | Rabbit |
| Clonality | Monoclonal |
| Clone No. | 3.00E+08 |
| Purification | Protein A purified |
| Applications | WB, ICC/IF, IP |
| Species Reactivity | Hu, Ms, Rt |
| Immunogen Description | peptide |
| Other Names | bA416N4.2 antibody Bdr antibody CMS18 antibody dJ1068F16.2 antibody FLJ23079 antibody HGNC:11132 antibody MGC105414 antibody MGC139754 antibody Resistance to inhibitors of cholinesterase 4 homolog antibody RIC 4 antibody RIC4 antibody SEC 9 antibody SEC9 antibody SNAP 25 antibody SNAP antibody SNAP-25 antibody SNAP-25B antibody SNAP25 antibody SNP 25 antibody SNP25 antibody SNP25_HUMAN antibody sp antibody SUP antibody Super protein antibody Synaptosomal associated 25 kDa protein antibody Synaptosomal associated protein antibody Synaptosomal associated protein 25 antibody Synaptosomal associated protein 25kDa antibody Synaptosomal-associated 25 kDa protein antibody Synaptosomal-associated protein 25 antibody Synaptosomal-associated protein, 25-KD antibody |
| Accession No. | Swiss-Prot#:P60880 |
| Uniprot | P60880 |
| GeneID | 6616; |
| Calculated MW | 23 kDa |
| Formulation | 1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide. |
| Storage | Store at -20°C |

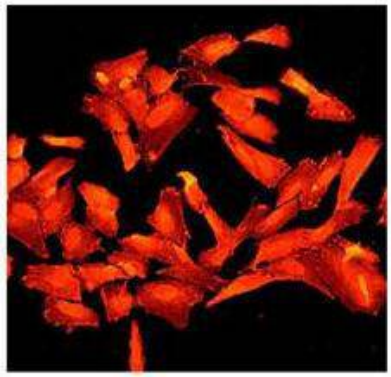
## Application Details

WB: 1:1,000 ICC: 1:100IP: 1:10-100

## Images




Western blot analysis on SH-SY-5Y cells lysate using anti-SNAP-25.



Immunofluorescent staining of SNAP25 in SH-SY-5Y cells using anti-SNAP-25.

## Background

Syntaxins were originally thought to be docking proteins, but have now been categorized as anchoring proteins that anchor themselves to the cytoplasmic surfaces of cellular membranes. Syntaxins have been shown to bind to various proteins involved in exocytosis, including VAMPs (vesicle-associated membrane proteins), NSF (N-ethylmaleimide-sensitive factor), SNAP 25, SNAPs (soluble NSF attachment proteins) and synaptotagmin. VAMPs, also designated synaptobrevins, including VAMP-1 and VAMP-2, and synaptotagmin, a protein that may function as an inhibitor of exocytosis, are vesicular proteins. SNAPs, including α- and γ-SNAP, are cytoplasmic proteins that bind to a membrane receptor complex composed of VAMP, SNAP 25 and syntaxin. SNAPs mediate the membrane binding of NSF, which is essential for membrane fusion reactions. An additional protein designated synaptophysin may regulate exocytosis by competing with SNAP 25 and syntaxins for VAMP binding.

## References

Note: This product is for in vitro research use only