

## ARG52423 anti-SNAP25 antibody

Package: 50 µl  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes SNAP25
Tested Reactivity	Rat
Predict Reactivity	Hu, Ms, Bov, Chk, Dog, Gpig, NHuPm, Zfsh
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	SNAP25
Species	Rat
Immunogen	Synthetic peptide corresponding to amino acid residues from the C-terminal region conjugated to KLH
Conjugation	Un-conjugated
Alternate Names	Super protein; Synaptosomal-associated 25 kDa protein; bA416N4.2; RIC4; SUP; dJ1068F16.2; SNAP; RIC-4; CMS18; SEC9; SNAP-25; Synaptosomal-associated protein 25

### Application Instructions

Application table	Application	Dilution
	WB	1:1000
Application Note	Specific for the ~25k SNAP25 protein. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

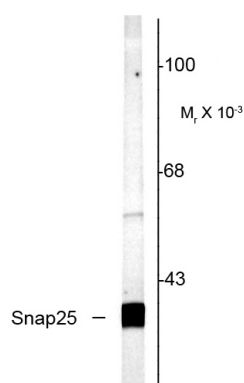
### Properties

Form	Liquid
Purification	Affinity Purified
Buffer	10 mM HEPES (pH 7.5), 150 mM NaCl, 0.1 mg/ml BSA and 50% Glycerol
Stabilizer	0.1 mg/ml BSA, 50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

### Bioinformation

Database links	<a href="#">GeneID: 25012 Rat</a> <a href="#">Swiss-port # P60881 Rat</a>
Gene Symbol	SNAP25
Gene Full Name	synaptosomal-associated protein 25
Background	<p>SNAP25 (Synaptosomal associated protein of 25 kDa) is a presynaptic plasma membrane protein that is widely distributed throughout the brain and involved in the regulation of neurotransmitter release. Decreased levels of SNAP25 have been found in the brains of patients with Down Syndrome and Alzheimer's Disease (Greber et al.,1999). In addition, a significant reduction in the hippocampal expression of SNAP25 has also been found in patients with Schizophrenia (Fatemi et al., 2001).</p>
Highlight	<p>Related products:  <a href="#">SNAP25 antibodies</a>; <a href="#">Anti-Rabbit IgG secondary antibodies</a>;  Related news:  <a href="#">Neuronal Development Marker</a></p>
Research Area	Cancer antibody; Metabolism antibody; Neuroscience antibody; Signaling Transduction antibody
Calculated Mw	23 kDa
PTM	Palmitoylated. Cys-85 appears to be the main site, and palmitoylation is required for membrane association (By similarity).

## Images



ARG52423 anti-SNAP25 antibody WB image

Western Blot: rat cortex lysate showing specific labeling of the ~25k SNAP25 protein stained with ARG52423 anti-SNAP25 antibody