



## Rabbit Anti-SNAP25 antibody

SL1131R

<b>Product Name:</b>	SNAP25
<b>Chinese Name:</b>	突触相关蛋白25抗体
<b>Alias:</b>	SNAP25; SNAP-25; bA416N4.2; Bdr; dJ1068F16.2; FLJ23079; HGNC:11132; MGC105414; MGC139754; Resistance to inhibitors of cholinesterase 4 homolog; RIC 4; RIC4; SEC9; SNAP 25; SNAP; SNAP-25B; SNP 25; SNP25; sp; SUP; Super protein; Synaptosomal associated 25 kDa protein; Synaptosomal associated protein; Synaptosomal Associated Protein 25; Synaptosomal associated protein 25kDa; SNP25 HUMAN .
<b>文献引用</b> <b>PubMed</b> :	<b>Specific References(1)</b> SL1131R has been referenced in 1 publications. [IF=5.47]Wang, Wei, et al. "SNAP25 Ameliorates Sensory Deficit in Rats with Spinal Cord Transection." Molecular Neurobiology (2014): 1-15. <b>IHC-F;Rat.</b> <a href="#">PubMed:24519330</a>
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Chicken,Cow,Rabbit,
<b>Applications:</b>	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	23kDa
<b>Cellular localization:</b>	cytoplasmicThe cell membrane
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human SNAP-25:166-206/206
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

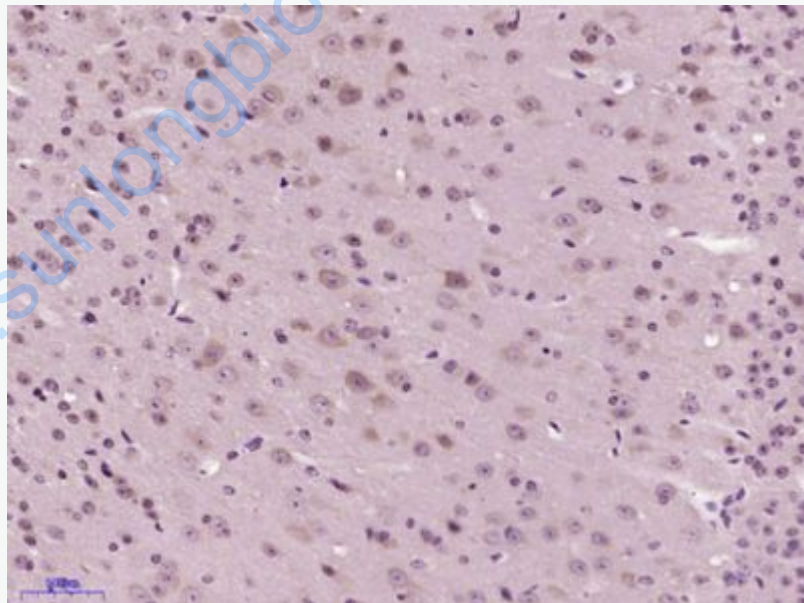
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	<p>Synaptosomal associated protein 25 kDa (snap-25) is a widely distributed membrane-associated protein in the brain, mainly localized in nerve terminals.</p> <p><b>Function:</b> 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.</p> <p><b>Subunit:</b> Part of the SNARE core complex containing SNAP25, VAMP2 and STX1A. This complex binds CPLX1. Interacts with CENPF, TRIM9, RIMS1, SNAPIN, OTOF and HGS. Binds STXBP6. Found in a ternary complex with STX1A and VAMP8. Found in a complex containing SYT1, SV2B and syntaxin-1.</p> <p><b>Subcellular Location:</b> Cytoplasm, perinuclear region. Cell membrane; Lipid-anchor. Cell junction, synapse, synaptosome.</p> <p><b>Tissue Specificity:</b> Neurons of the neocortex, hippocampus, piriform cortex, anterior thalamic nuclei, pontine nuclei, and granule cells of the cerebellum.</p> <p><b>Post-translational modifications:</b> Palmitoylated. Cys-85 appears to be the main site, and palmitoylation is required for membrane association.</p> <p><b>Similarity:</b> Belongs to the SNAP-25 family. Contains 2 t-SNARE coiled-coil homology domains.</p> <p><b>SWISS:</b> P60880</p> <p><b>Gene ID:</b> 6616</p> <p><b>Database links:</b> <a href="#">Entrez Gene: 6616</a>Human <a href="#">Entrez Gene: 20614</a>Mouse</p>

[Entrez Gene: 25012](#)Rat  
[Entrez Gene: 30712](#)Zebrafish  
[Oimim: 600322](#)Human  
[SwissProt: P60880](#)Human  
[SwissProt: P60879](#)Mouse  
[SwissProt: P60881](#)Rat  
[Unigene: 167317](#)Human  
[Unigene: 45953](#)Mouse  
[Unigene: 107689](#)Rat

**Important Note:**

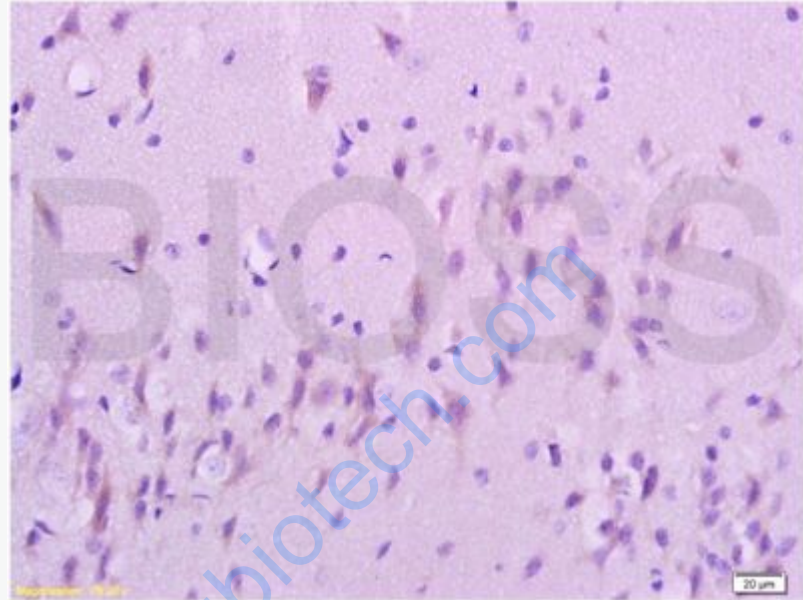
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**Picture:**

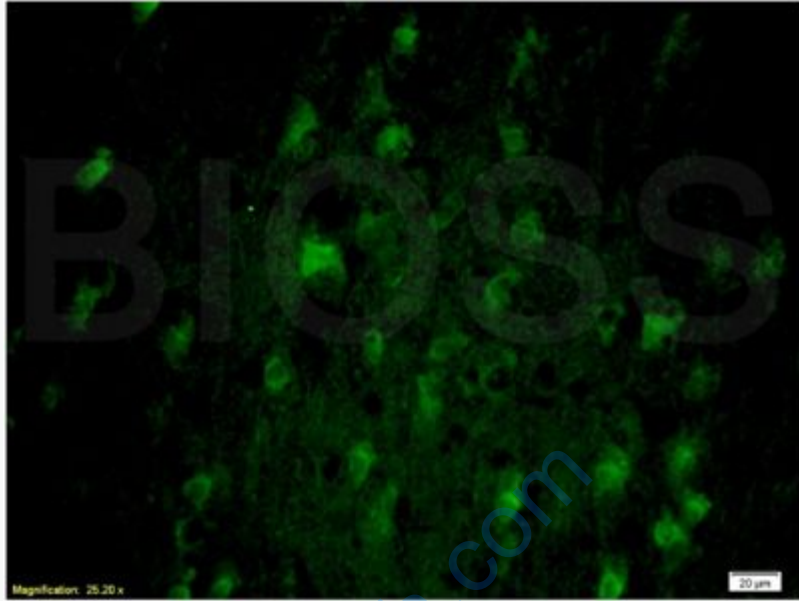


Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (SNAP25) Polyclonal Antibody, Unconjugated

(SL1131R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Tissue/cell: rat brain tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;  
Antigen retrieval: citrate buffer ( 0.01M, pH 6.0 ), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;  
Incubation: Anti-SNAP-25 Polyclonal Antibody, Unconjugated(SL1131R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Tissue/cell: rat brain tissue;4% Paraformaldehyde-fixed and paraffin-embedded;

Antigen retrieval: citrate buffer ( 0.01M, pH 6.0 ), Boiling bathing for 15min;

Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;

Incubation: Anti-SNAP-25 Polyclonal Antibody, Unconjugated(SL1131R) 1:200, overnight at 4°C; The secondary antibody was Goat Anti-Rabbit IgG, FITC conjugated(SL1131R)used at 1:200 dilution for 40 minutes at 37°C.