

Rabbit SNAP-25 Polyclonal Antibody | anti-SNAP25 antibody

Anti-SNAP-25 Antibody, Rabbit Polyclonal

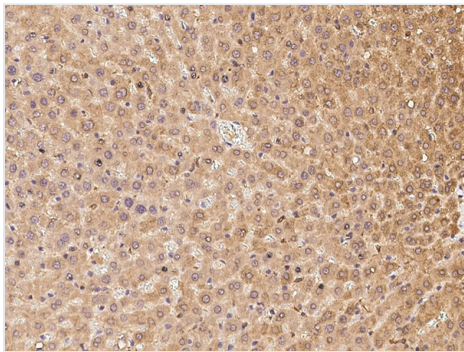
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA27737	Rabbit	Human Predicted to React with: Bovine, Chick, Pongo abelii (Species predicted to react based on 100% sequence homology)	Western Blot, Immunohistochemistry

PRODUCT SYNONYMS

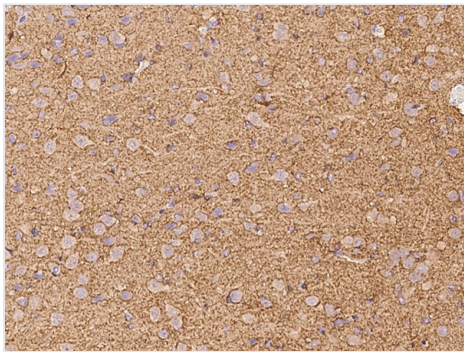
SNAP-25; Polyclonal Antibody; Anti-SNAP-25 Antibody; Rabbit Polyclonal; SNAP-25 Antibody; Rabbit PAb; Antigen Affinity Purified; synaptosomal-associated protein; 25kDa; Anti-bA416N4.2 Antibody; Anti-dJ1068F16.2 Antibody; Anti-RIC-4 Antibody; Anti-RIC4 Antibody; Anti-SEC9 Antibody; Anti-SNAP Antibody; anti-SNAP25 antibody

PRODUCT SPECIFICATIONS

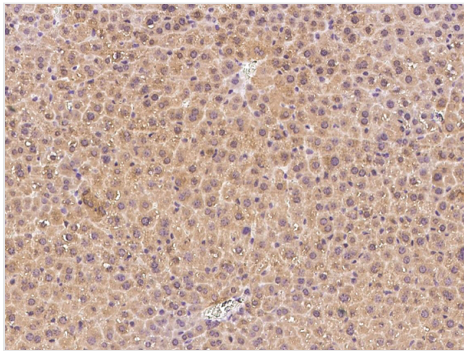
Host	Rabbit
Reactivity	Human Predicted to React with: Bovine, Chick, Pongo abelii (Species predicted to react based on 100% sequence homology)
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human SNAP-25
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-SNAP25 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Application Notes	WB: 1:500-1:2000 IHC-P: 1:500-1:2000
Immunogen	A synthetic peptide corresponding to the N-terminus of the Human SNAP-25
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the N-terminus of the Human SNAP-25, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.



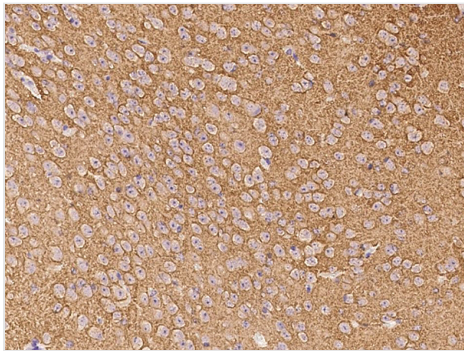
IHC (Immunohistochemistry)
Immunochemical staining of human SNAP25 in rat liver with rabbit polyclonal antibody at 1:1000 dilution, formalin-fixed paraffin embedded sections.



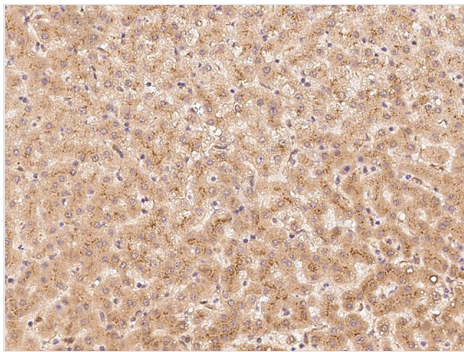
IHC (Immunohistochemistry)
Immunochemical staining of human SNAP25 in rat brain with rabbit polyclonal antibody at 1:1000 dilution, formalin-fixed paraffin embedded sections.



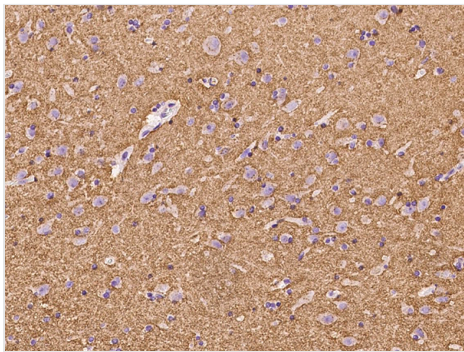
IHC (Immunohistochemistry)
Immunochemical staining of human SNAP25 in mouse liver with rabbit polyclonal antibody at 1:1000 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)
Immunochemical staining of human SNAP25 in mouse brain with rabbit polyclonal antibody at 1:1000 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)
Immunochemical staining of human SNAP25 in human liver with rabbit polyclonal antibody at 1:1000 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)
Immunochemical staining of human SNAP25 in human brain with rabbit polyclonal antibody at 1:1000 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-SNAP25 antibody	Synaptosomal-associated protein 25, also known as Super protein, Synaptosomal-associated 25 kDa protein, SNAP25 and SNAP, is a cytoplasm and cell membrane protein that belongs to the SNAP-25 family. SNAP25/SUP contains 2 t-SNARE coiled-coil homology domains. SNAP25/SUP is a membrane bound protein anchored to the cytosolic face of membranes via palmitoyl side chains in the middle of the molecule. SNAP25/SUP protein is a component of the SNARE complex, which is proposed to account for the specificity of membrane fusion and to directly execute fusion by forming a tight complex that brings the synaptic vesicle and plasma membranes together. SNAP25/SUP is a Q-SNARE protein contributing two alpha-helices in the formation of the exocytotic fusion complex in neurons where it assembles with syntaxin-1 and synaptobrevin. SNAP25/SUP is involved in the molecular regulation of neurotransmitter release. It may play an important role in the synaptic function of specific neuronal systems. SNAP25/SUP associates with proteins involved in vesicle docking and membrane fusion. SNAP25/SUP regulates plasma membrane recycling through its interaction with CENPF. SNAP25/SUP inhibits P/Q- and L-type voltage-gated calcium channels located presynaptically and interacts with the synaptotagmin C2B domain in Ca ²⁺ -independent fashion. In glutamatergic synapses SNAP25/SUP decreases the Ca ²⁺ responsiveness, while it is naturally absent in GABAergic synapses.
References	Hodel A, et al., 1998, Int. J. Biochem. Cell Biol. 30 (10): 1069-73. Sudhof TC, et al., 2002, Nat Rev Neurosci 3 (8): 641-653. Chapman ER et al., 2002, Nat. Rev. Mol. Cell Biol. 3(7): 498-508. Chen X., et al., 2002, Neuron 33:397-409. Huang Q., et al., 2008, FEBS Lett. 582:1431-1436.

NCBI AND UNIPROT INFORMATION

NCBI GI #	18765733
NCBI GeneID	6616
NCBI Accession #	NP_003072.2
NCBI GenBank Nucleotide #	NM_003081.3
UniProt Accession #	P60880 ; P13795 ; P36974 ; P70557 ; P70558 ; Q53EM2 ; Q5U0B5 ; Q8IXK3 ; Q96FM2 ; B2RAU4 ; D3DW16 ; D3DW17
Molecular Weight	23,315 Da
NCBI Official Full Name	synaptosomal-associated protein 25 isoform SNAP25A
NCBI Official Synonym Full Names	synaptosomal-associated protein, 25kDa
NCBI Official Symbol	SNAP25
NCBI Official Synonym Symbols	RIC4; SEC9; SNAP; RIC-4; SNAP-25; bA416N4.2; dJ1068F16.2
NCBI Protein Information	synaptosomal-associated protein 25; SUP; super protein; resistance to inhibitors of cholinesterase 4 homolog
UniProt Protein Name	Synaptosomal-associated protein 25
UniProt Gene Name	SNAP25
UniProt Synonym Gene Names	SNAP; SNAP-25; SUP
UniProt Entry Name	SNP25_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/snap-25-antibody-western-blot-immunohistochemistry-elisa/27737>