

Rabbit SNAP25 Polyclonal Antibody | anti-SNAP25 antibody

SNAP25 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA301928	Rabbit	Human, Mouse, Rat	Immunoprecipitation, Immunofluorescence, Immunohistochemistry, Western Blot

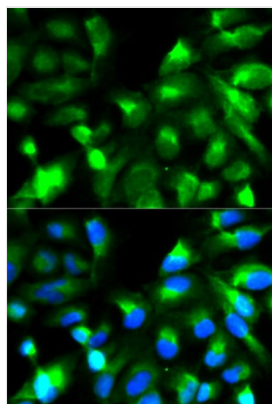
PRODUCT SYNONYMS

SNAP25; Polyclonal Antibody; SNAP25 Antibody; FLJ23079; RIC-4; RIC4; SEC9; anti-SNAP25 antibody

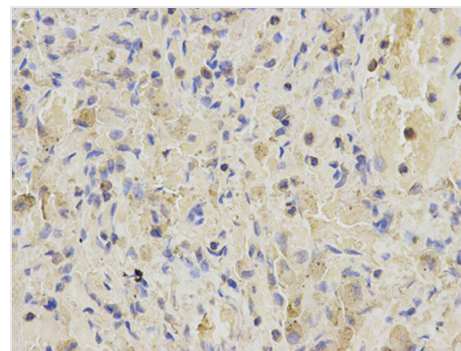
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total SNAP25 protein.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	206
Applicable Applications for anti-SNAP25 antibody	IP (Immunoprecipitation), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human SNAP25.
Target Name	SNAP25
Preparation and Storage	Store at -20 degree C

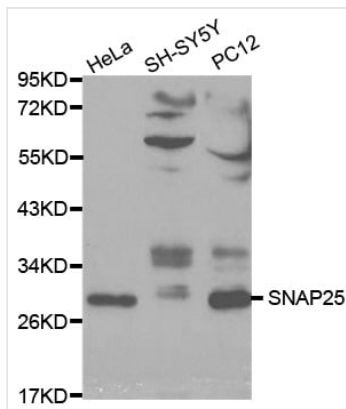
IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cell using SNAP25 antibody. Blue: DAPI for nuclear staining.


IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human lung using SNAP25 antibody at dilution of 1:200 (400x lens).



WB (Western Blot)
Western blot analysis of extracts of various cell lines, using SNAP25 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-SNAP25 antibody	The 25 kDa synaptosome-associated protein (SNAP25) is a target membrane soluble, N-ethylmaleimide-sensitive factor attachment protein receptor (t-SNARE) that is found on neuronal presynaptic membranes. SNAP25 forms a core complex with the SNARE proteins syntaxin and synaptobrevin to mediate synaptic vesicle fusion with the plasma membrane during Ca²⁺-dependent exocytosis (1). This complex is responsible for exocytosis of the neurotransmitter g-aminobutyric acid (GABA). Neurotransmitter release is inhibited by proteolysis of SNAP25 by botulinum toxins A and E (2). SNAP25 plays a secondary role as a Q-SNARE involved in endosome fusion; the protein is associated with genetic susceptibility to attention-deficit hyperactivity disorder (ADHD) (3).
Product Categories/Family for anti-SNAP25 antibody	Total protein Ab

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	23,336 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; CMS18; RIC-4; SNAP-25; bA416N4.2; dJ1068F16.2
NCBI Protein Information	synaptosomal-associated protein 25
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.

