

Mouse anti-Human, Mouse SNAP25 Monoclonal Antibody | anti-SNAP25 antibody

SNAP25 antibody

CATALOG # AAA48005	HOST Mouse	REACTIVITY Human, Mouse	APPLICATIONS Western Blot, ELISA
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PRODUCT SYNONYMS

SNAP25; Monoclonal Antibody; SNAP25 antibody; Synaptosomal-associated protein 25 isoform SNAP25B; SNAP; Synaptosomal-associated protein; His- tag; SNAP-25; Synaptosomal-associated 25 kDa protein; Super protein; SuP; Synaptosomal-associated protein 25; Synaptosomal-associated protein 25 isoform SNAP25B bA416N4.2; Bdr; dJ1068F16.2; FLJ23079; HGNC:11132; MGC105414; MGC139754; Resistance to inhibitors of cholinesterase 4 homolog; RIC 4; RIC4; SEC9; SNAP 25; SNAP-25B; SNP 25; sp; Synaptosomal associated 25 kDa protein; Synaptosomal associated protein; Synaptosomal Associated Protein 25; Synaptosomal associated protein 25kDa.; anti-SNAP25 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse
Clonality	Monoclonal
Isotype	IgG1, k
Clone Number	4E11
Purity/Purification	By protein-G affinity chromatography
Form/Format	Liquid. In phosphate-buffered saline (pH 7.4) with 0.02% Sodium Azide, 10% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	206
Applicable Applications for anti-SNAP25 antibody	WB (Western Blot), ELISA
Antigen Species	Human
Immunogen	Recombinant human SNAP25 (1-206aa) purified from E. coli
Clone Note	Anti-human SNAP25 mAb, clone 4E11, is derived from hybridization of mouse SP2/O myeloma cells with spleen cells from BALB/c mice immunized with a recombinant human SNAP25 protein.
Preparation and Storage	Can be stored at 4 degree C. For long term storage, aliquot and store at -20 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



IF (Immunofluorescence)

ICC/IF analysis of SNAP25 in U87MG cells line, stained with DAPI (Blue) for nucleus staining and monoclonal anti-human SNAP25 antibody (1:100) with goat anti-mouse IgG-Alexa fluor 488 conjugate (Green).



WB (Western Blot)

The extracts of mouse brain (30ug) were resolved by SDS-PAGE, transferred to NC membrane and probed with anti-human SNAP25 (1:2000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system. The Cell lysates (10ug) were resolved by SDS-PAGE, transferred to PVDF membrane and probed with anti-human SNAP25 antibody (1:3000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system. Lane 1.: 293T cell lysate Lane 2.: SNAP25 Transfected 293T cell lysate

ADDITIONAL INFORMATION

Related Product Information for anti-SNAP25 antibody	The synaptosomal-associated protein (SNAP25) is an essential component of the core complex that mediates presynaptic vesicle trafficking. Thus, SNAP25 is directly involved in the release of neurotransmitters.
Product Categories/Family for anti-SNAP25 antibody	Neuroscience
References	Schulz JR et al., (1998) J Biol Chem 273 (38):24355-9; Tafoya LC et al., (2006) J Neurosci 26 (30):7826-38

NCBI AND UNIPROT INFORMATION

NCBI GI #	18765735
NCBI GeneID	6616
NCBI Accession #	NP_570824
NCBI GenBank Nucleotide #	NM_130811.3
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 SNAP25B
NCBI Official Synonym Full Names	synaptosome associated protein 25
NCBI Official Symbol	SNAP25
NCBI Official Synonym Symbols	SUP; 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

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.