

A0986

Leader in Biomolecular Solutions for Life Science



SNAP25 Rabbit pAb

Catalog No.: A0986

4 Publications

Basic Information

Observed MW

25kDa

Calculated MW

23kDa

Category

Polyclonal Antibody

Applications

WB, IHC-P, IF/ICC, ELISA

Cross-Reactivity

Human, Mouse, Rat

Background

Synaptic vesicle membrane docking and fusion is mediated by SNAREs (soluble N-ethylmaleimide-sensitive factor attachment protein receptors) located on the vesicle membrane (v-SNAREs) and the target membrane (t-SNAREs). The assembled v-SNARE/t-SNARE complex consists of a bundle of four helices, one of which is supplied by v-SNARE and the other three by t-SNARE. For t-SNAREs on the plasma membrane, the protein syntaxin supplies one helix and the protein encoded by this gene contributes the other two. Therefore, this gene product is a presynaptic plasma membrane protein involved in the regulation of neurotransmitter release. Two alternative transcript variants encoding different protein isoforms have been described for this gene.

Recommended Dilutions

WB	1:500 - 1:1000
IHC-P	1:50 - 1:200
IF/ICC	1:50 - 1:200

Immunogen Information

Gene ID

6616

Swiss Prot

P60880

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-206 of human SNAP25 (NP_570824.1).

Synonyms

SUP; RIC4; SEC9; SNAP; CMS18; RIC-4; SNAP-25; bA416N4.2; dj1068F16.2; SNAP25

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

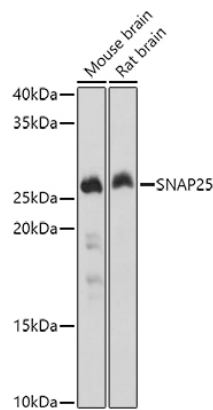
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

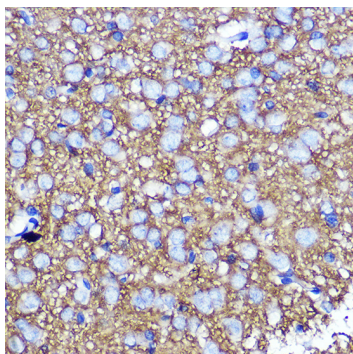
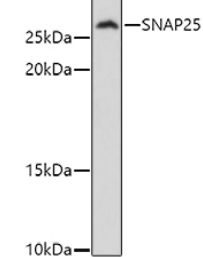
Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

Validation Data

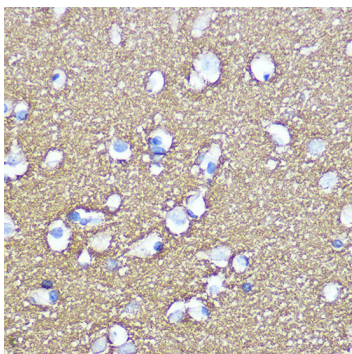


Western blot analysis of extracts of various cell lines, using SNAP25 antibody (A0986) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (A5014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 3s.

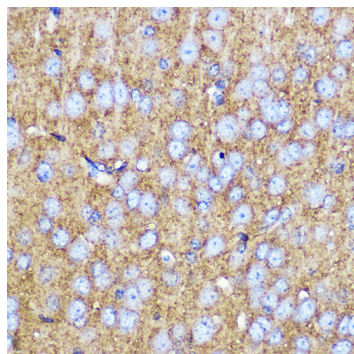
Western blot analysis of extracts of SH-SY5Y cells, using SNAP25 antibody (A0986) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (A5014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 3s.



Immunohistochemistry analysis of paraffin-embedded rat brain using SNAP25 Rabbit pAb (A0986) at dilution of 1:100 (40x lens).Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.

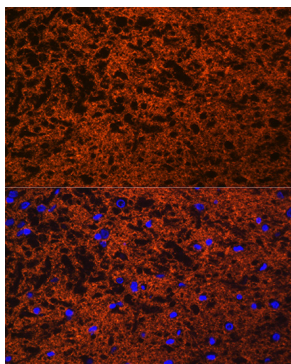


Immunohistochemistry analysis of paraffin-embedded human brain using SNAP25 Rabbit pAb (A0986) at dilution of 1:100 (40x lens).Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.

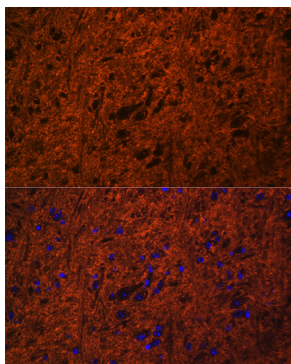


Immunohistochemistry analysis of paraffin-embedded mouse brain using SNAP25 Rabbit pAb (A0986) at dilution of 1:100 (40x lens).Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.

Validation Data



Immunofluorescence analysis of rat brain using SNAP25 Rabbit pAb (A0986) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of mouse brain using SNAP25 Rabbit pAb (A0986) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.