

A2234

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SNAP25 Rabbit mAb

Catalog No.: A2234

Recombinant

3 Publications

Basic Information

Observed MW

25kDa

Calculated MW

23kDa

Category

SMab Recombinant Monoclonal
Antibody

Applications

WB,ELISA

Cross-Reactivity

Mouse,Rat

CloneNo number

ARC0736

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

Immunogen Information

Gene ID

6616

Swiss Prot

P60880

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 107-206 of human SNAP25 (P60880).

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

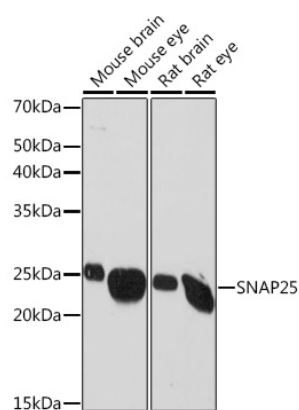
Affinity purification

Storage

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

Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.

Validation Data



Western blot analysis of extracts of various cell lines, using SNAP25 Rabbit mAb (A2234) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 30s.