

Syntaxin 4 Rabbit mAb

Catalog No.: A5996 **Recombinant** **3 Publications**

Basic Information

Observed MW

34kDa

Calculated MW

34kDa

Category

Primary antibody

Applications

ELISA,WB,IF/ICC

Cross-Reactivity

Human, Mouse, Rat

CloneNo number

ARC2113

Background

Enables sphingomyelin phosphodiesterase activator activity. Involved in several processes, including cornified envelope assembly; positive regulation of immune effector process; and positive regulation of protein localization. Located in several cellular components, including basolateral plasma membrane; cytoplasmic vesicle; and lamellipodium. Part of SNARE complex. Is active in glutamatergic synapse and postsynapse.

Recommended Dilutions

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

Immunogen Information

Gene ID

6810

Swiss Prot

Q12846

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 50-150 of human Syntaxin 4 (NP_004595.2).

Synonyms

STX4A; p35-2; Syntaxin 4

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

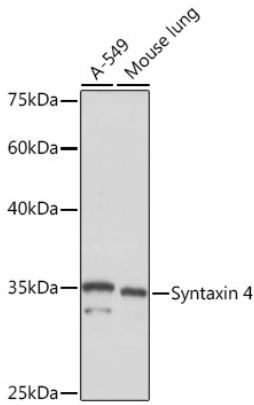
Affinity purification

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 Syntaxin 4 Rabbit mAb (A5996) at 1:1000 dilution.

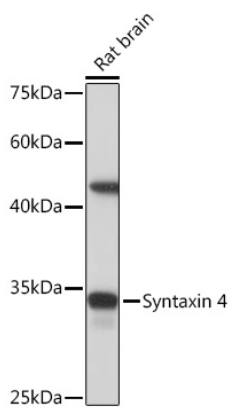
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 1s.



Western blot analysis of extracts of Rat brain, using Syntaxin 4 Rabbit mAb (A5996) at 1:1000 dilution.

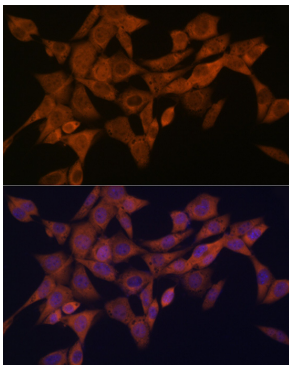
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 10s.



Immunofluorescence analysis of NIH-3T3 cells using Syntaxin 4 Rabbit mAb (A5996) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.