

STXBP1 Rabbit pAb

Catalog No.: A5420

Basic Information

Observed MW

Refer to figures

Calculated MW

68kDa

Category

Primary antibody

Applications

ELISA,IF/ICC

Cross-Reactivity

Human, Rat

Background

This gene encodes a syntaxin-binding protein. The encoded protein appears to play a role in release of neurotransmitters via regulation of syntaxin, a transmembrane attachment protein receptor. Mutations in this gene have been associated with infantile epileptic encephalopathy-4. Alternatively spliced transcript variants have been described.

Recommended Dilutions

IF/ICC 1:50 - 1:200

Immunogen Information

Gene ID

6812

Swiss Prot

P61764

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 295-594 of human STXBP1 (NP_001027392.1).

Synonyms

P67; DEE4; NSEC1; UNC18; N-Sec1; RBSEC1; unc-18A; unc18-1; MUNC18-1; STXBP1

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

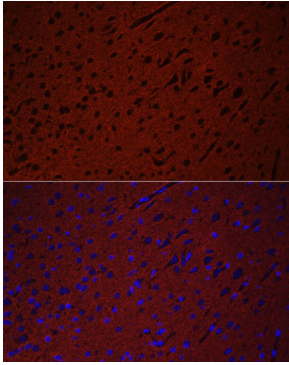
Affinity purification

Storage

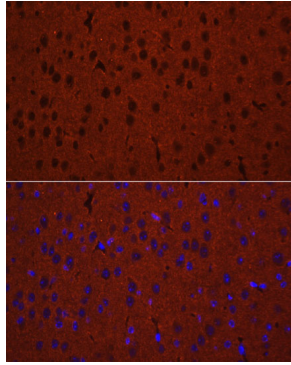
Store at -20°C. Avoid freeze / thaw cycles.

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

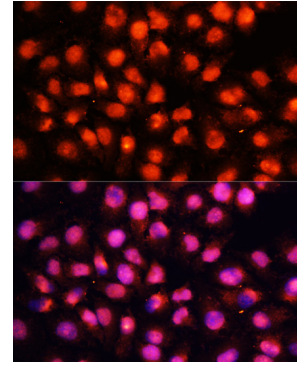
Validation Data



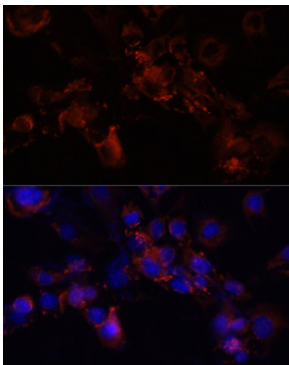
Immunofluorescence analysis of rat brain using STXBP1 antibody (A5420) at dilution of 1:50. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of mouse brain using STXBP1 antibody (A5420) at dilution of 1:50. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of HeLa cells using STXBP1 antibody (A5420) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH/3T3 cells using STXBP1 antibody (A5420) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.