

STXBP1 Rabbit mAb

Catalog No.: A9309 **Recombinant**

Basic Information

Observed MW

70kDa

Calculated MW

68kDa

Category

Primary antibody

Applications

ELISA, WB, IHC-P

Cross-Reactivity

Human, Mouse, Rat

CloneNo number

ARC1518

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

WB	1:500 - 1:1000
IHC-P	1:50 - 1:200

Immunogen Information

Gene ID

6812

Swiss Prot

P61764

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 400-500 of human STXBP1 (P61764).

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

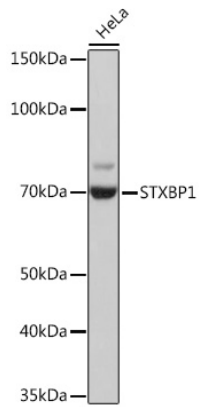
Affinity purification

Storage

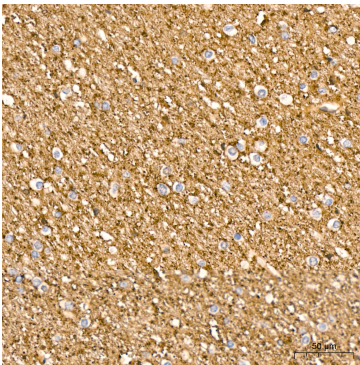
Store at -20°C. Avoid freeze / thaw cycles.

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

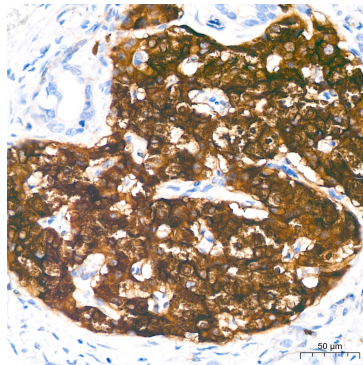
Validation Data



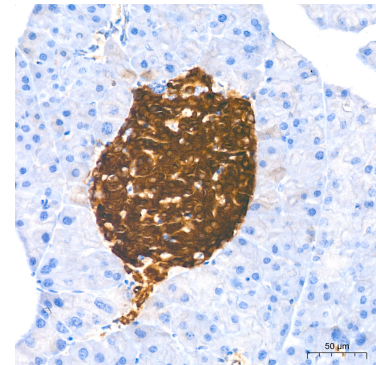
Western blot analysis of extracts of HeLa cells, using STXBP1 Rabbit mAb (A9309) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 3s.



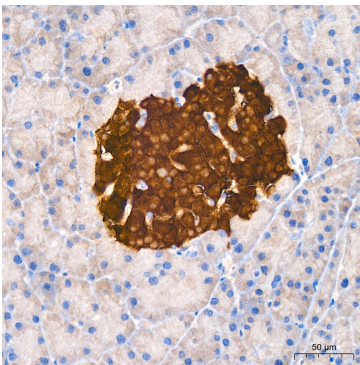
Immunohistochemistry analysis of STXBP1 in paraffin-embedded human brain tissue using STXBP1 Rabbit mAb (A9309) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of STXBP1 in paraffin-embedded human pancreas tissue using STXBP1 Rabbit mAb (A9309) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of STXBP1 in paraffin-embedded mouse pancreas tissue using STXBP1 Rabbit mAb (A9309) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of STXBP1 in paraffin-embedded rat pancreas tissue using STXBP1 Rabbit mAb (A9309) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.