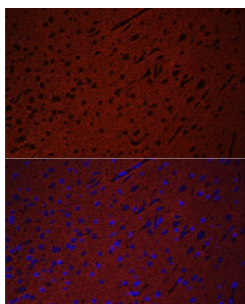
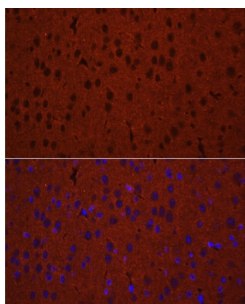


Syntaxin Binding Protein 1 (STXBP1) Antibody

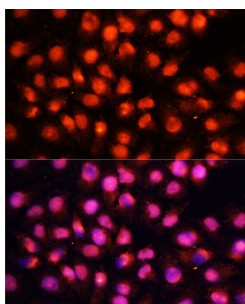
Catalogue No.: abx004153



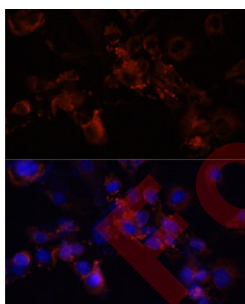
Immunofluorescence analysis of paraffin-embedded rat brain using STXBP1 Antibody at dilution of 1/50. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1/500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of paraffin-embedded mouse brain using STXBP1 Antibody at dilution of 1/50. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1/500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of HeLa cells using STXBP1 Antibody at dilution of 1/100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1/500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH/3T3 cells using STXBP1 Antibody at dilution of 1/100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1/500 dilution. Blue: DAPI for nuclear staining.

STXBP1 Antibody is a Rabbit Polyclonal antibody against STXBP1. 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.

Target: Syntaxin Binding Protein 1 (STXBP1)

Clonality: Polyclonal

Datasheet

Version: 4.0.0
Revision date: 18 Mar 2025



Reactivity:	Human, Rat
Tested Applications:	ELISA, IF/ICC
Host:	Rabbit
Recommended dilutions:	ELISA: 1 µg/ml, IF/ICC: 1/50 - 1/200. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 295-594 of human STXBP1.
Isotype:	IgG
Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P61764 (UniProt , ExPASy)
Gene Symbol:	STXBP1
GeneID:	6812
NCBI Accession:	NP_001027392.1
Molecular Weight:	Calculated MW: 68 kDa
Buffer:	PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.
Concentration:	> 0.2 mg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.