

Datasheet for ABIN185107

**anti-STXBP1 antibody (C-Term)**

4 Images

1 Publication

[Go to Product page](#)

## Overview

Quantity:	100 µg
Target:	STXBP1
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This STXBP1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

## Product Details

Purpose:	MUNC18 / STXBP1 (isoform a)
Immunogen:	Peptide with sequence C-SRVSFEDQAPTME, from the C Terminus of the protein sequence according to NP_003156.1.
Sequence:	SRVSFEDQAP TME
Isotype:	IgG
Specificity:	This antibody is expected to recognize isoform a (NP_003156.1).
Cross-Reactivity:	Human, Mouse
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

## Target Details

Target:	STXBP1
Alternative Name:	STXBP1 ( <a href="#">STXBP1 Products</a> )
Background:	STXBP1, MUNC18-1, UNC18, hUNC18, syntaxin binding protein 1, Hunc18, rbSec1, syntaxin-binding protein 1, RP11-56D16.3, EIEE4, FLJ37475, RBSEC1
Gene ID:	6812, 20910
NCBI Accession:	<a href="#">NP_003156</a>
Pathways:	<a href="#">Synaptic Vesicle Exocytosis</a> , <a href="#">Dicarboxylic Acid Transport</a>

## Application Details

Application Notes:	Immunohistochemistry: Paraffin embedded Human Brain (Cortex). Recommended concentration: 5 µg/mL.  Western Blot: Approx 70-75 kDa band observed in Human Cerebellum lysates (calculated MW of 68.7 kDa according to Human NP_003156.1). Recommended concentration: 0.1-0.3 µg/mL.  Primary incubation 1 hour at room temperature.  Peptide ELISA: antibody detection limit dilution 1:16000.
Restrictions:	For Research Use only

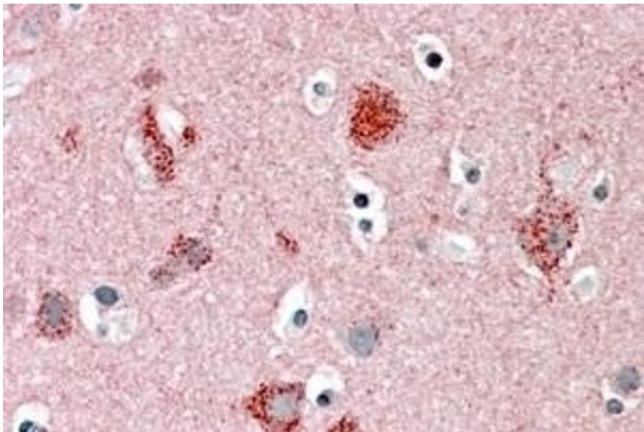
## Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

Publications

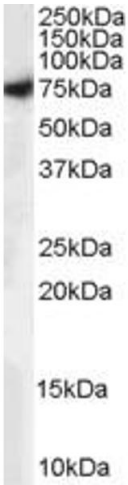
Product cited in: Meijer, Cijssouw, Toonen, Verhage: "Synaptic Effects of Munc18-1 Alternative Splicing in Excitatory Hippocampal Neurons." in: **PLoS ONE**, Vol. 10, Issue 9, pp. e0138950, (2016) ([PubMed](#)).

Images



Immunohistochemistry

**Image 1.** (ABIN185107) (5 µg/mL) staining of paraffin embedded Human Cortex. Steamed antigen retrieval with citrate buffer pH 6, AP-staining. This data is from a previous batch, not on sale.



Western Blotting

**Image 2.** ABIN185107 (0.1µg/ml) staining of Human Brain lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



Western Blotting

**Image 3.** (ABIN185107) (0.1 µg/mL) staining of Human Cerebellum lysate (35 µg protein in RIPA buffer). Detected by chemiluminescence.

## Images

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Please check the [product details page](#) for more images. Overall 4 images are available for ABIN185107.