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Datasheet for ABIN950152  
**anti-STXBP1 antibody (AA 1-603)**

2 Images

Overview

Quantity:	50 µg
Target:	STXBP1
Binding Specificity:	AA 1-603
Reactivity:	Human
Host:	Mouse
Clonality:	Polyclonal
Conjugate:	This STXBP1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	Mouse polyclonal antibody raised against a full-length human STXBP1 protein.
Immunogen:	STXBP1 (NP_003156.1, 1 a.a. ~ 603 a.a) full-length human protein.
Sequence:	MAPIGLKAVV GEKIMHDVIK KVKKKGEWKV LVVDQLSMRM LSSCCKMTDI MTEGITIVED INKRREPLPS LEAVYLITPS EKS VHSLISD FKDPPTAKYR AAHVFFTDSC PDALFNELVK SRAAKVIKTL TEINIAFLPY ESQVYSLDSA DSFQSFYSPH KAQMKNPILE RLAEQIATLC ATLKEYPAVR YRGEYKDNL LAQLIQDKLD AYKADDPTMG EGPDKARSQ LILDRGFDPS SPVLHELTFQ AMSYDLLPIE NDVYKYETSG IGEARVKEVL LDEDDLWIA LRHKHIAEVS QEVTRSLKDF SSSKRMNTGE KTTMRDLSQM LKKMPQYQKE LSKYSTHLHL AEDCMKHYQG TVDKLCRVEQ DLAMGTDAEG EKIKDPMRAI VPILLDANVS TYDKIRIILL YIFLKNIGITE ENLNKLIQHA QIPPEDSEII TNMAHLGVPI VTDSTLRRRS KPERKERISE QTYQLSRWTP IIKDIMEDI EDKLDTKHYP YISTRSSASF STTAVSARYG HWHKKNKAPGE YRSGPRLIIF ILGGVSLNEM RCAYEVTQAN GKWEVLIGST HILTPTKFLM DLRHPDFRES SRVSFEDQAP TME

## Product Details

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Cross-Reactivity:	Human, Rat
Characteristics:	Antibody reactive against mammalian transfected lysate.

## Target Details

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Target:	STXBP1
Alternative Name:	STXBP1 ( <a href="#">STXBP1 Products</a> )
Background:	Full Gene Name: syntaxin binding protein 1 Synonyms: EIEE4,MUNC18-1,UNC18,hUNC18,rbSec1
Gene ID:	6812
NCBI Accession:	<a href="#">NM_003165</a>
Pathways:	<a href="#">Synaptic Vesicle Exocytosis, Dicarboxylic Acid Transport</a>

## Application Details

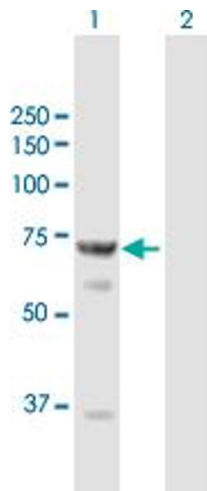
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Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

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Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

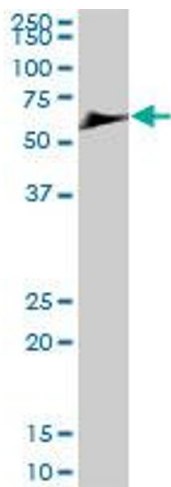


#### Western Blotting

**Image 1.** Western Blot analysis of STXBP1 expression in transfected 293T cell line by STXBP1 MaxPab polyclonal antibody.

Lane 1: STXBP1 transfected lysate(66.33 KDa).

Lane 2: Non-transfected lysate.



#### Western Blotting

**Image 2.** STXBP1 MaxPab polyclonal antibody. Western Blot analysis of STXBP1 expression in rat brain.