

Datasheet for ABIN6741501
anti-STXBP1 antibody (AA 504-553)



[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	STXBP1
Binding Specificity:	AA 504-553
Reactivity:	Human, Mouse, Rat, Cow, Monkey, Dog, Chicken, Xenopus laevis, Rabbit, Zebrafish (Danio rerio), Guinea Pig, Horse, Bat, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This STXBP1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Synthetic peptide located between aa504-553 of human STXBP1 (P61764, NP_001027392). Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Orangutan, Monkey, Marmoset, Mouse, Rat, Elephant, Dog, Bovine, Bat, Rabbit, Horse, Pig, Opossum, Guinea pig, Zebra finch, Chicken, Platypus, Xenopus (100%), Gibbon (93%), Zebrafish (86%). Type of Immunogen: Synthetic peptide
Isotype:	IgG
Specificity:	Human STXBP1
Predicted Reactivity:	Percent identity by BLAST analysis: Human, Dog, Bovine, Rabbit, Horse, Pig, Guinea pig, Xenopus (100%) Zebrafish (86%).

Product Details

Purification: Immunoaffinity purified

Target Details

Target: STXBP1

Alternative Name: STXBP1 / Munc18 / p67 ([STXBP1 Products](#))

Background: Name/Gene ID: STXBP1

Synonyms: STXBP1, EIEE4, HUNC18, MUNC18-1, N-Sec1, NSEC1, Protein unc-18 homolog 1, Protein unc-18 homolog A, UNC18, Unc18-1, p67, RBSEC1, Unc-18A, Munc18, Neuronal SEC1, Syntaxin binding protein 1, Syntaxin-binding protein 1, UNC18A

Gene ID: 6812

NCBI Accession: [NP_001027392](#)

UniProt: [P61764](#)

Pathways: [Synaptic Vesicle Exocytosis](#), [Dicarboxylic Acid Transport](#)

Application Details

Application Notes: Approved: WB (0.2 - 1 µg/mL)

Usage: Western Blot: Suggested dilution at 1 µg/mL in 5 % skim milk / PBS buffer, and HRP conjugated anti-Rabbit IgG should be diluted in 1: 50,000 - 100,000 as second antibody. ELISA titer in peptide based assay: 1:12500.

Not recommended for: IHC-P

Comment: Target Species of Antibody: Human

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Distilled water

Concentration: Lot specific

Buffer: Lyophilized from PBS with 2 % sucrose

Handling

Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	4 °C,-20 °C
Storage Comment:	Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long term use (up to 1 year) Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles.