

Product datasheet for **TA330016**

Munc18 1 (STXBP1) Rabbit Polyclonal Antibody

Product data:

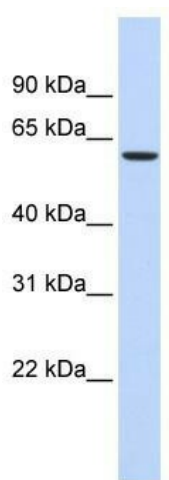
Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-STXBP1 antibody: synthetic peptide directed towards the middle region of human STXBP1. Synthetic peptide located within the following region: TRSSASFSTTAVSARYGHWKKNKAPGEYRSGPRLIIFILGGVSLNEMRCA
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	67 kDa
Gene Name:	syntaxin binding protein 1
Database Link:	NP_001027392 Entrez Gene 6812 Human P61764
Background:	STXBP1 belongs to the STXBP/unc-18/SEC1 family. It may participate in the regulation of synaptic vesicle docking and fusion, possibly through interaction with GTP-binding proteins. The protein is essential for neurotransmission and binds syntaxin, a component of the synaptic vesicle fusion machinery probably in a 1:1 ratio. It can interact with syntaxins 1, 2, and 3 but not syntaxin 4.
Synonyms:	MUNC18-1; NSEC1; P67; RBSEC1; UNC18



[View online »](#)

Note: Immunogen sequence homology: African clawed frog: 100%; Bovine: 100%; Dog: 100%; Guinea pig: 100%; Horse: 100%; Human: 100%; Pig: 100%; Rabbit: 100%; Zebrafish: 86%

Product images:



WB Suggested Anti-STXBP1 Antibody Titration:
0.2-1 ug/ml; ELISA Titer: 1:100; Positive Control:
Human brain