

## Datasheet for ABIN926990

# anti-STXBP1 antibody (Middle Region)





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Quantity:	100 μL	
Target:	STXBP1	
Binding Specificity:	Middle Region	
Reactivity:	Human, Mouse, Rat, Cow, Chicken, Xenopus laevis, Zebrafish (Danio rerio)	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This STXBP1 antibody is un-conjugated	
Application:	Western Blotting (WB)	
Product Details		
Immunogen:	STXBP1 antibody was raised in rabbit using the middle region of STXBP1 as the immunogen	
Cross-Reactivity:	Mouse (Murine), Rat (Rattus), Chicken, Frog, Cow (Bovine), Zebrafish (Brachydanio rerio)	
Purification:	Purified	
Target Details		
Target:	STXBP1	
Alternative Name:	STXBP1 (STXBP1 Products)	
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.	
	synaptic vesicle docking and rusion, possibly through interaction with GTP-binding proteins.	
	The protein is essential for neurotransmission and binds syntaxin, a component of the synaptic	

### **Target Details**

	syntaxin 4. Synonyms: Polyclonal STXBP1 antibody, Anti-STXBP1 antibody, syntaxin binding
	protein 1 antibody, MUNC18-1 antibody, UNC18 antibody, hUNC18 antibody, rbSec1 antibody.
Pathways:	Synaptic Vesicle Exocytosis, Dicarboxylic Acid Transport

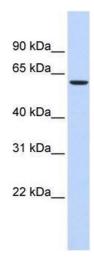
# **Application Details**

Application Notes:	WB: 0.2-1 μg/mL
	Optimal conditions should be determined by the investigator.
Comment:	STXBP1 Blocking Peptide, catalog no. 33R-9269, is also available for use as a blocking control in assays to test for specificity of this STXBP1 antibody
Restrictions:	For Research Use only

## Handling

Format:	Lyophilized
Concentration:	Lot specific
Buffer:	Lyophilized powder. Add 50 $\mu$ L of distilled water. Final antibody concentration is 1 mg/mL in PBS buffer.
Handling Advice:	Avoid repeated freeze/thaw cycles.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 4 °C, following reconstitution, aliquot and store at -20 °C.

## **Images**



### **Western Blotting**

**Image 1.** STXBP1 antibody (70R-10566) used at 1.25 ug/ml to detect target protein.