

Datasheet for ABIN1531345
anti-STXBP1 antibody (pSer313)



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1 Image

Overview

Quantity:	100 µL
Target:	STXBP1
Binding Specificity:	AA 279-328, pSer313
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This STXBP1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human MUNC-18a around the phosphorylation site of Ser313.
Isotype:	IgG
Specificity:	MUNC-18a (Phospho-Ser313) Antibody detects endogenous levels of MUNC-18a only when phosphorylated at Ser313. PhosphorylationH:S313 M:S313 R:S313
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Purity:	> 95 %

Target Details

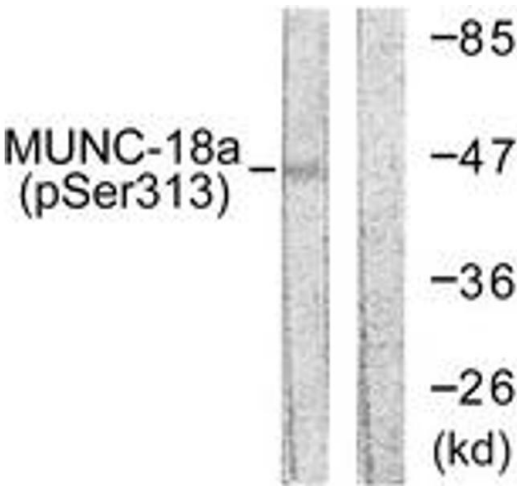
Target:	STXBP1
Alternative Name:	MUNC-18a (STXBP1 Products)
Background:	Synonyms: N- Sec1, STB1, STXB1, STXBP1, Syntaxin binding protein 1, UNC18A, Unc-18 homolog, Unc-18-1, Unc-18A, p67, rbSec1 NCBI Gene Symbol: STXBP1
Molecular Weight:	67 kDa
Gene ID:	6812
OMIM:	602926
UniProt:	P61764
Pathways:	Synaptic Vesicle Exocytosis , Dicarboxylic Acid Transport

Application Details

Application Notes:	WB: 1:500~1:1000 ELISA: 1:1000
Comment:	Unigene-Number: Hs.288229 (NCBI Gene Symbol: STXBP1)
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



Western Blotting

Image 1. Western blot analysis of extracts from COS7 cells treated with PMA 125ng/ml 30', using MUNC-18a (Phospho-Ser313) Antibody. The lane on the right is treated with the synthesized peptide.