

Datasheet for ABIN6657792
anti-STXBP1 antibody (pSer241)



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Overview

Quantity:	100 µL
Target:	STXBP1
Binding Specificity:	pSer241
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This STXBP1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Munc18-1 Phospho S241 Antibody
Immunogen:	Anti-Phospho-Ser241 Munc18-1 Antibody was produced in rabbits by repeated immunizations with a synthetic phospho-peptide corresponding to amino acid residues surrounding Ser241 of mouse Munc-18-1 protein conjugated to KLH.
Isotype:	IgG
Cross-Reactivity (Details):	Anti-Phospho-Ser241 Munc18-1 Antibody is directed against Munc18-1 protein phosphorylated at S421.
Purification:	The antibody was prepared from monospecific antiserum by immunoaffinity chromatography using phospho peptide coupled to agarose beads followed by solid phase adsorption(s) against non-phospho peptide and non-specific peptide to remove any unwanted reactivities.
Sterility:	Sterile filtered

Target Details

Target:	STXBP1
Alternative Name:	Munc18-1 (STXBP1 Products)
Background:	Synonyms: Syntaxin-binding protein 1, Protein unc-18 homolog 1, Unc18-1, Protein unc-18 homolog A, Unc-18A Background: Munc-18 (mammalian homologue of Unc-18) is a protein that is thought to be involved in regulating exocytosis due, at least in part, to its ability to bind syntaxin. Munc18-1 is a neuron-specific member of the Sec1/Munc18 protein family that binds to syntaxin1A and is thought to stabilize the complex. The function of Munc18-1 is thought to be regulated by phosphorylation. Munc18-1 pS241 Antibody is ideal for researchers interested in neuroscience research. Gene Name: STXBP1
Gene ID:	20910
NCBI Accession:	NP_001107041
UniProt:	O08599
Pathways:	Synaptic Vesicle Exocytosis , Dicarboxylic Acid Transport

Application Details

Application Notes:	ELISA_Dilution: 1:10,000 Western_Blot_Dilution: 1:1000
Comment:	Anti-Phospho-Ser241 Munc18-1 Antibody is tested for Western Blots and is specific for the ~65 kDa Munc18-1 protein phosphorylated at Ser241. Immunolabeling is blocked by the treatment of the lysate with lambda phosphatase (30 minutes, 800 units / 1 mg protein). Specific conditions for reactivity should be optimized by the end user.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Buffer: 0.01 M HEPES, 0.15 M Sodium Chloride, pH 7.5 Stabilizer: 0.1 mg/mL Bovine Serum Albumin (BSA) - IgG and Protease free, 50 % (v/v) Glycerol Preservative: None
Preservative:	Without preservative

Handling

Storage:	-20 °C
Storage Comment:	Store vial at -20° C prior to opening in undiluted aliquots. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature.
Expiry Date:	12 months