

Product datasheet for **TA389020**

Phospho-Stxbp1 (pSer241) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 1:1000 WB Brain: 1:1000
Reactivity:	Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic phospho-peptide corresponding to amino acid residues surrounding Ser241 of mouse Munc18-1, conjugated to keyhole limpet hemocyanin (KLH).
Specificity:	Specific for endogenous levels of the ~65 kDa Munc18-1 protein phosphorylated at Ser241. Immunolabeling is completely eliminated by treatment with λ -phosphatase.
Formulation:	10 mM HEPES (pH 7.5), 150 mM NaCl, 100 μ g per ml BSA and 50% glycerol.
Concentration:	lot specific
Purification:	Antigen Affinity Purified from Pooled Serum
Conjugation:	Unconjugated
Storage:	Storage at -20°C is recommended, as aliquots may be taken without freeze/thawing due to presence of 50% glycerol. Stable for at least 1 year at -20°C.
Stability:	After date of receipt, stable for at least 1 year at -20°C.
Predicted Protein Size:	65
Gene Name:	syntaxin binding protein 1
Database Link:	Entrez Gene 20910 Mouse Q15833
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 (Ciuffo et al., 2005). Munc18-1 is a neuron-specific member of the Sec1/Munc18 protein family that binds to syntaxin1A and is thought to stabilize the complex (Liu et al., 2004). The function of Munc18-1 is thought to be regulated by phosphorylation.



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Synonyms: EIEE4; FLJ37475; hUNC18; MUNC18-1; N-Sec1; p67; RBSEC1; Unc-18-1; Unc-18A; UNC18; UNC18A

Note: Prepared from pooled rabbit serum by affinity purification via sequential chromatography on phospho and non-phosphopeptide affinity columns.