

Anti-Munc-18 (Ser 513) Antibody

Our Anti-Munc-18 (Ser 513) rabbit polyclonal phosphospecific primary antibody from PhosphoSolutions
Catalog # AN1460

Product Information

Application	WB, ICC
Primary Accession	Q62753
Reactivity	Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	66696

Additional Information

Gene ID	81804
Other Names	FLJ37475 antibody, Munc 18 1 antibody, Munc 18a antibody, MUNC18 1 antibody, N-Sec1 antibody, Neuronal SEC1 antibody, NSec1 antibody, p67 antibody, Protein unc-18 homolog 1 antibody, Protein unc-18 homolog A antibody, Rb sec1 antibody, RBSEC1 antibody, STXB1_HUMAN antibody, STXBP1 antibody, Syntaxin binding protein 1 antibody, Syntaxin-binding protein 1 antibody, Unc 18 homolog antibody, Unc 18A antibody, Unc-18A antibody, Unc18 1 antibody, UNC18 antibody, Unc18-1 antibody
Target/Specificity	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 (Ciufo 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 Unc-18 is thought to be regulated by PKC phosphorylation of Ser-515 in <i>C. Elegans</i> (Sassa et al., 1996). Ser-513 is the mammalian homologue of Ser-515 in <i>C. Elegans</i> .
Dilution	WB~~1:1000 ICC~~N/A
Format	Antigen Affinity Purified from Pooled Serum
Storage	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	Anti-Munc-18 (Ser 513) Antibody is for research use only and not for use in diagnostic or therapeutic procedures.
Shipping	Blue Ice

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 (Ciufo 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 Unc-18 is thought to be regulated by PKC phosphorylation of Ser-515 in *C. Elegans* (Sassa et al., 1996). Ser-513 is the mammalian homologue of Ser-515 in *C. Elegans*.

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