

**Anti-Munc18-1 (Ser241) Antibody**

**Our Anti-Munc18-1 (Ser241) rabbit polyclonal phosphospecific primary antibody from PhosphoSolutions**  
**Catalog # AN1459**

**Specification**

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**Anti-Munc18-1 (Ser241) Antibody - Product Information**

Application	<b>WB</b>
Primary Accession	<a href="#">O08599</a>
Host	<b>Rabbit</b>
Clonality	<b>Polyclonal</b>
Isotype	<b>IgG</b>
Calculated MW	<b>67569</b>

**Anti-Munc18-1 (Ser241) Antibody - Additional Information**

Gene ID **20910**

**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 Munc18-1 is thought to be regulated by phosphorylation.

**Dilution**

WB~~1:1000

**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-Munc18-1 (Ser241) Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**Shipping**

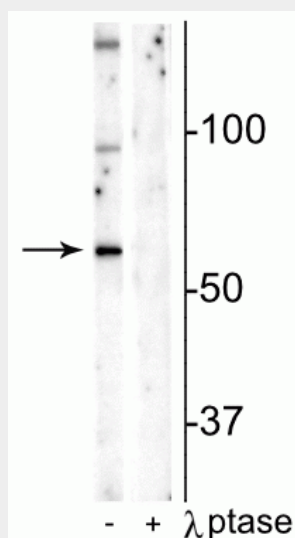
Blue Ice

## Anti-Munc18-1 (Ser241) Antibody - Protocols

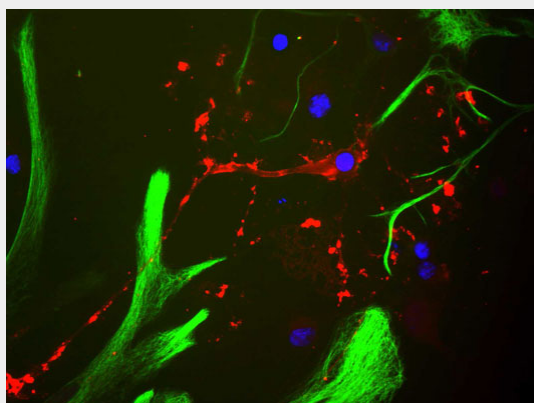
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## Anti-Munc18-1 (Ser241) Antibody - Images



Western blot of mouse hippocampal lysate showing specific immunolabeling of the ~65 kDa Munc18-1 protein phosphorylated at Ser241 in the first lane (-). Phosphospecificity is shown in the second lane (+) where immunolabeling is completely eliminated by blot treatment with lambda phosphatase ( $\lambda$ -Ptase, 1200 units for 30 min).



## Anti-Munc18-1 (Ser241) Antibody - 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 Munc18-1 is thought to be regulated by phosphorylation.