

Munc-18 (Ser515) Antibody

Subcategory: Phosphospecific Antibody, Rabbit Polyclonal Antibody

Cat. No.: 252559

Unit: 0.1 ml

Description:

Syntaxin-binding protein 2 (Munc-18) is involved in intracellular vesicle trafficking and vesicle fusion with membranes. Munc-18 contributes to the granule exocytosis machinery through interaction with soluble N-ethylmaleimide-sensitive factor attachment protein receptor (SNARE) proteins that regulate membrane fusion. Munc-18 regulates cytotoxic granule exocytosis in natural killer (NK) cells. The function of Munc-18 is regulated by PKC phosphorylation of Ser515.

Isotype: Rabbit Ig

Applications: E, IHC, WB

Species Reactivity: B, Ck, D, H, Mk, M, R, X

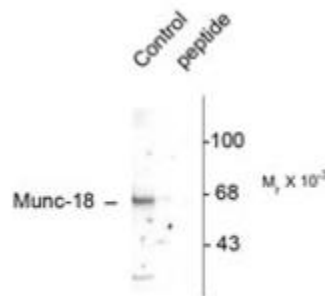
Format: Each vial contains 0.1 ml IgG in HEPES pH7.5, 150 mM NaCl, 0.01% BSA and 50% glycerol. Antibody was purified by immunogen affinity chromatography.

Alternate Names: Syntaxin-binding protein 2; Protein unc-18 homolog 2; Munc18-2; Unc18-2; Protein unc-18 homolog B; Unc-18B

Accession No.: Q62753

Antigen: KLH-conjugated synthetic phosphopeptide encompassing a sequence surrounding Ser515 of rat munc-18.

Application Notes: E: 1:1,000; WB: 1:1,000; IHC: 1:400



The Munc-18 (Ser515) Antibody (Cat. No. 252559) is used in Western blot to detect Munc-18 phosphorylated on Ser515 in rat cortex tissue lysate (left lane).

Phosphorylated Munc-18 is no longer detected upon incubation with blocking phosphopeptide (right lane).

Storage: Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.