

Phospho-STXBP1 (Ser313) Polyclonal Antibody

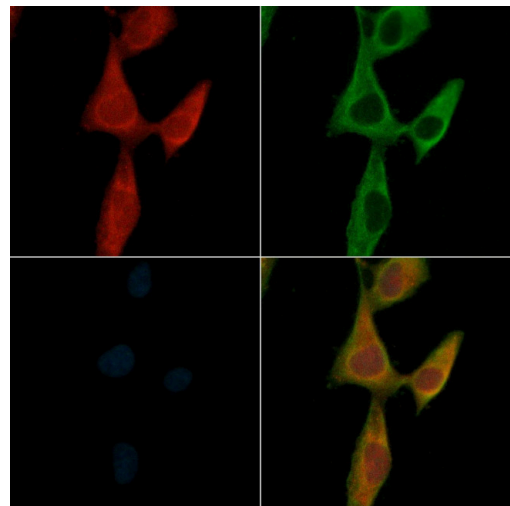
Product Details	
Size	100 µL
Species Reactivity	Human, Mouse, Rat
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	A synthesized peptide derived from human STXBP1(Accession P61764), corresponding to amino acid residues around phosphorylated Ser313.
Form	Liquid
Concentration	1 mg/mL
Purification	sequential chromatography
Storage buffer	PBS, pH 7.4, with 50% glycerol
Contains	0.02% sodium azide
Storage conditions	-20°C
RRID	AB_2816664

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:2,000	-
Immunocytochemistry (ICC/IF)	1:100-1:500	-

Product Specific Information

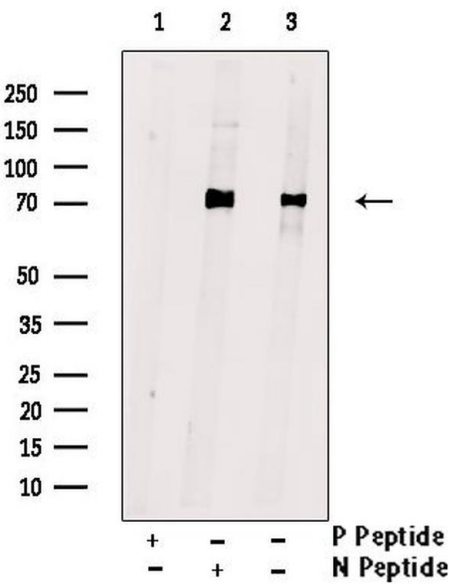
Antibody detects endogenous levels of MUNC-18a only when phosphorylated at Ser313.

Product Images For Phospho-STXBP1 (Ser313) Polyclonal Antibody



Phospho-STXBP1 (Ser313) Antibody (PA5-105191) in ICC/IF

Immunocytochemistry analysis of Phospho-STXBP1 (Ser313) in A549 cells (H₂O₂ treatment). The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were incubated with Phospho-STXBP1 (Ser313) polyclonal antibody (Product # PA5-105191) and mouse anti-beta tubulin antibody for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG (Red) and an AlexaFluor488 conjugated goat anti-mouse IgG (Green) were used as the secondary antibodies. The nuclear counter stain is DAPI (blue).



Phospho-STXBP1 (Ser313) Antibody (PA5-105191) in WB

Western blot analysis of Phospho-STXBP1 (Ser313) in mouse brain (Lane 1: treated with phospho-blocking peptide; Lane 2: treated with non-phospho-blocking peptide). Samples were incubated with Phospho-STXBP1 (Ser313) polyclonal antibody (Product # PA5-105191).

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