bs-10315R **[Primary Antibody]**

phospho-Syntaxin 1a (Ser188) Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 6804 **SWISS:** Q16623

Target: phospho-Syntaxin 1a (Ser188)

Immunogen: KLH conjugated Synthesised phosphopeptide derived from human Syntaxin 1a around the phosphorylation site of Ser188: SI(p-S)KQ.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: Syntaxin 1a is potentially involved in docking of synaptic vesicles at presynaptic active zones and may play a critical role in neurotransmitter exocytosis. Haploinsufficiency of STX1A may be the cause of certain cardiovascular and musculo skeletal abnormalities observed in Williams-Beuren syndrome (WBS), a rare developmental disorder.

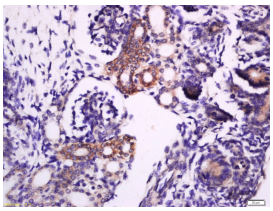
Applications: **IHC-P** (1:100-500)
IHC-F (1:100-500)
IF (1:100-500)

Reactivity: Mouse (predicted: Human, Rat, Pig, Sheep, Cow, Dog, GuineaPig, Horse)

Predicted MW.: 33 kDa

Subcellular Location: Cell membrane

VALIDATION IMAGES



Tissue/cell: Mouse embryo tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min; Incubation: Anti-Syntaxin 1a Polyclonal Antibody, Unconjugated(bs-10315R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining