

bs-10315R**[Primary Antibody]****phospho-Syntaxin 1a (Ser188) Rabbit pAb****Bioss**
ANTIBODIES

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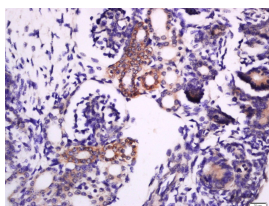
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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: IHC-P (1:100-500)
Clonality: Polyclonal		IHC-F (1:100-500)
GeneID: 6804	SWISS: Q16623	IF (1:100-500)
Target: Syntaxin 1a (Ser188)		Reactivity: Mouse (predicted: Human, Rat, Pig, Sheep, Cow, Dog, GuineaPig, Horse)
Immunogen: KLH conjugated Synthesised phosphopeptide derived from human Syntaxin 1a around the phosphorylation site of Ser188: SI(p-S)KQ.		Predicted MW.: 33 kDa
Purification: affinity purified by Protein A		Subcellular Location: Cell membrane
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.		

— 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