

## STXBP1 polyclonal antibody

Catalog: BS62093

Host: Rabbit

Reactivity: Human, Mouse, Rabbit

### BackGround:

Munc18-1 belongs to the Munc18 protein family that also includes Munc18-2 and Munc18-3. These proteins are highly conserved at the amino acid sequence level and play a critical role in membrane fusion. Munc18 proteins control SNARE complex formation and interact with syntaxin. In Munc18-1 knockout mice, neurotransmitter release is completely abolished. In addition, Munc18-1 acts as a molecular chaperone for syntaxin-1, allowing for formation of the SNARE complex at the plasma membrane. Munc18-1 also acts as a regulator of vesicle docking during exocytosis.

### Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2.

### Molecular Weight:

~ 70kDa

### Swiss-Prot:

P61764

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB: 1:500~1:1000

### Storage&Stability:

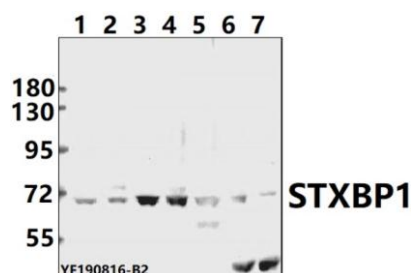
Store at 4 °C short term. Aliquot and store at -20 °C long

term. Avoid freeze-thaw cycles.

### Specificity:

STXBP1 polyclonal antibody detects endogenous levels of STXBP1 protein.

### DATA:



Western blot (WB) analysis of STXBP1 polyclonal antibody at 1:500 dilution

Lane1:U-87MG whole cell lysate(40ug)

Lane2:C6 whole cell lysate(40ug)

Lane3:SHSY5Y whole cell lysate(40ug)

Lane4:K562 whole cell lysate(40ug)

Lane5:RAW264.7 whole cell lysate(40ug)

Lane6:The Brain tissue lysate of Mouse(40ug)

Lane7:The Brain tissue lysate of Rat(40ug)

### Note:

For research use only, not for use in diagnostic procedure.

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