

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:

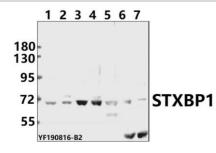
Store at $4 \, \mathbb{C}$ short term. Aliquot and store at $-20 \, \mathbb{C}$ long

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.

Bioworld Technology, Inc.

Add: 1660 South Highway 100, Suite 500 St. Louis Park, MN 55416,USA. Email: info@bioworlde.com Tel: 6123263284 6122933841 Fax:

Bioworld technology, co. Ltd. No 9, weidi road Qixia District Nanjing, 210046, Add: P. R. China. **Email:** info@biogot.com

Tel: 0086-025-68037686

0086-025-68035151 Fax: