

Synapsin I (phospho-S62) polyclonal antibody

Catalog: BS4879

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Synapsin I is a member of the synapsin family. Synapsins are neuronal phosphoproteins which associate with the cytoplasmic surface of synaptic vesicles. Family members are characterized by common protein domains, and they are implicated in synaptogenesis and the modulation of neurotransmitter release, suggesting a potential role in several neuropsychiatric diseases. This member of the synapsin family plays a role in regulation of axonogenesis and synaptogenesis. The protein serves as a substrate for several different protein kinases and phosphorylation may function in the regulation of this protein in the nerve terminal. Mutations of the Synapsin I gene may be associated with X linked disorders with primary neuronal degeneration such as Rett syndrome.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 15 mM sodium azide, approx. pH 7.2.

Molecular Weight:

~ 80 kDa

Swiss-Prot:

P17600

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

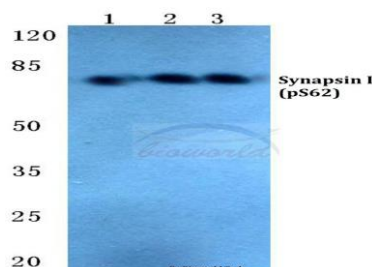
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

p-Synapsin I (S62) polyclonal antibody detects endogenous levels of Synapsin I protein when phosphorylated at Ser62.

DATA:



Western blot (WB) analysis of p-SYN1 (S62) polyclonal antibody at 1:500 dilution

Lane1: HEK293T cell lysate treated with PMA(100nM, 30min)

Lane2: Raw264.7 cell lysate treated with PMA(100nM, 30min)

Lane3: H9C2 cell lysate treated with PMA(100nM, 30min)

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@bioworld.com

Tel: 6123263284

Fax: 6122933841

Bioworld technology, co. Ltd.

Add: No 9, weidi road Qixia District Nanjing, 210046, P. R. China.

Email: info@biogot.com

Tel: 0086-025-68037686

Fax: 0086-025-68035151