

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### p-Synapsin I (S62) Peptide

Cat No.: BS4879P

#### 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.

#### Swiss-Prot

P17600

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS4879 p-Synapsin I (S62) pAb.

#### Purification & Purity

Synthetic peptide p-Synapsin I (S62). (Note: the amino acid sequence is proprietary). The purity is > 98%.

#### Product

1 mg/ml in DI water.

#### Storage & Stability

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

#### Research Use

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

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