

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



PSD-93 Peptide

Cat No.: BS5868P

Background

The postsynaptic density protein (PSD)-93 and related membrane associated guanylate kinase (MAGUK) proteins assemble signal transduction complexes at sites of cell-cell contact including synapses. PSD-93 (also designated channel associated protein of synapse-110 or chapsyn-110) occurs only at postsynaptic sites in hippocampal neurons. PSD-95 and PSD-93 mediate ion channel clustering in heterologous cells and are believed to cluster and anchor NMDA receptors at the synapse. The glutamate receptor subunit, delta2, binds specifically to PSD-93, which is enriched in Purkinje neuron cell bodies and dendrites. In addition, PSD-93 clusters delta2 when they are coexpressed and they are colocalized at parallel fiber synapses.

Swiss-Prot

Q15700

Applications

Blocking

Specificity

This peptide can be used with studies using BS5868 PSD-93 pAb.

Purification & Purity

Synthetic peptide PSD-93. (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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