

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



SAPAP1 (E817) Peptide

Cat No.: BS1864P

Background

Members of the postsynaptic density-95 (PSD-95)/SAP90 family of membrane-associated guanylate kinase (MAGUK) proteins function as multimodular scaffolds that organize protein-signaling complexes at neuronal synapses. PSD-95/SAP90 binds guanylate kinase-associated protein (GKAP), also designated GK domain-binding protein, DAP-1- α , DAP-1- β , PSD-95 binding protein, PSD-95/SAP90 associated protein, or SAPAP1, through the guanylate kinase domain. SAPAP1 is expressed widely in neurons of the cortex and hippocampus and in the Purkinje and granule cells of the cerebellum. N-terminal splice variants of SAPAP1 are expressed as 95 and 130 kDa proteins. SAPAP1 is localized specifically in the PSD of glutamatergic synapses, consistent with its direct interaction with PSD-95 family proteins.

Swiss-Prot

O14490

Applications

Blocking

Specificity

This peptide can be used with studies using BS1864 SAPAP1 (E817) pAb.

Purification & Purity

Synthetic peptide SAPAP1 (E817). (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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