
PSD-95 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 250839

Unit: 0.1 mg

Description:

PSD-95 is a molecular scaffolding protein that binds and clusters NMDA receptors at neuronal synapses. PSD-95 is involved in the guanine nucleotide-mediated signal transduction pathway. This gene encodes a member of the membrane-associated guanylate kinase (MAGUK) family. PSD-95 heteromultimerizes with DLG2 and together they are recruited into the same NMDA receptor and potassium channel clusters. They may interact at postsynaptic sites to form a multimeric scaffold for the clustering of receptors, ion channels, and associated signaling proteins.

Isotype: Rabbit Ig

Applications: E, IHC, IP, WB

Species Reactivity: H, M, R

Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: PSD-95; Disks large homolog 4; Postsynaptic density protein 95; Synapse-associated protein 90; SAP90; DLG4; PSD95

Accession No.: P78352

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human PSD-95.

Application Notes: E: 1:500-1:1,000; WB: 1:200-1:500; IHC: 1:200-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

Product Citations: Wessel L et al. 2013. Cell Mol Life Sci. doi: 10.1007/s00018-013-1448-4. PMID# 23982753.

For research use only, not for diagnostic or therapeutic procedures.