

Anti-PSD93 Antibody

Rabbit polyclonal antibody to PSD93

Catalog # AP59539

Product Information

Application	WB, IP
Primary Accession	Q15700
Other Accession	Q91XM9
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	97552

Additional Information

Gene ID	1740
Other Names	Disks large homolog 2; Channel-associated protein of synapse-110; Chapsyn-110; Postsynaptic density protein PSD-93
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human PSD93. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000), IP (1/10 - 1/100) IP~~N/A
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

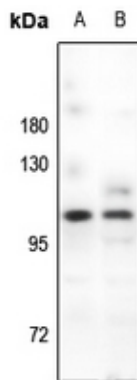
Name	DLG2
Function	Required for perception of chronic pain through NMDA receptor signaling. Regulates surface expression of NMDA receptors in dorsal horn neurons of the spinal cord. Interacts with the cytoplasmic tail of NMDA receptor subunits as well as inward rectifying potassium channels. Involved in regulation of synaptic stability at cholinergic synapses. Part of the postsynaptic protein scaffold of excitatory synapses (By similarity).
Cellular Location	Cell membrane {ECO:0000250 UniProtKB:Q63622}; Lipid-anchor {ECO:0000250 UniProtKB:Q63622}. Postsynaptic density {ECO:0000250 UniProtKB:Q63622}. Synapse. Membrane {ECO:0000250 UniProtKB:Q63622}. Cell projection, axon {ECO:0000250 UniProtKB:Q63622}. Perikaryon {ECO:0000250 UniProtKB:Q63622}. Note=Concentrated in soma and

postsynaptic density of a subset of neurons
{ECO:0000250|UniProtKB:Q63622}

Background

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human PSD93. The exact sequence is proprietary.

Images



Western blot analysis of PSD93 expression in SHSY5Y (A), MCF7 (B) whole cell lysates.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.