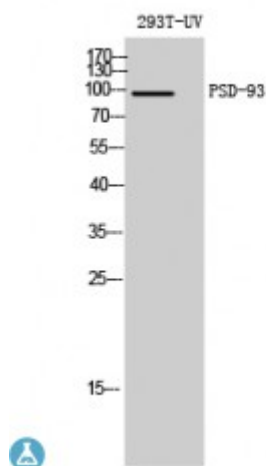


Anti-PSD-93 antibody



Description	Rabbit polyclonal to PSD-93.
Model	STJ95243
Host	Rabbit
Reactivity	Human
Applications	ELISA, IHC, WB
Immunogen	Synthesized peptide derived from human PSD-93
Immunogen Region	570-650 aa, Internal
Gene ID	1740
Gene Symbol	DLG2
Dilution range	WB 1:500-1:2000IHC 1:100-1:300ELISA 1:40000
Specificity	PSD-93 Polyclonal Antibody detects endogenous levels of PSD-93 protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Disks large homolog 2 Channel-associated protein of synapse-110 Chapsyn-110 Postsynaptic density protein PSD-93
Molecular Weight	97 kDa
Clonality	Polyclonal
Conjugation	Unconjugated

Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:2901OMIM:603583
Alternative Names	Disks large homolog 2 Channel-associated protein of synapse-110 Chapsyn-110 Postsynaptic density protein PSD-93
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 .
Sequence and Domain Family	An N-terminally truncated L27 domain is predicted in isoform 2 at positions 1 through 27.
Cellular Localization	Cell membrane Cell junction, synapse, postsynaptic cell membrane, postsynaptic density Cell junction, synapse Membrane Cell projection, axon. Concentrated in soma and postsynaptic density of a subset of neurons.
Post-translational Modifications	Palmitoylation of isoform 1 is not required for targeting to postsynaptic density.

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