

Rabbit PSD93 Polyclonal Antibody | anti-PSD93 antibody

Phospho-PSD93 (Tyr348) Antibody

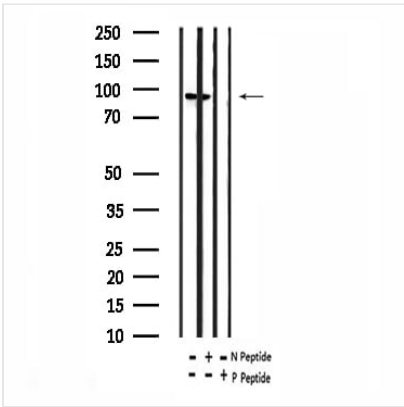
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328521	Rabbit	Human, Mouse, RatPredicted: Pig, Rabbit, Dog	ELISA, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

PSD93; Polyclonal Antibody; Phospho-PSD93 (Tyr348) Antibody; Channel associated protein of synapse 110; Channel associated protein of synapses 110kD; Channel-associated protein of synapse-110; Chapsyn 110; Chapsyn-110; Chapsyn110; Discs; large homolog 2 (Drosophila); Disks large homolog 2; DKFZp781D1854; DKFZp781E0954; Dlg 2; dlg2; DLG2_HUMAN; Dlgh 2; Dlgh2; FLJ37266; Gm1197; MGC131811; Postsynaptic density protein PSD 93; Postsynaptic density protein PSD-93; Postsynaptic density protein PSD93; PSD 93; anti-PSD93 antibody

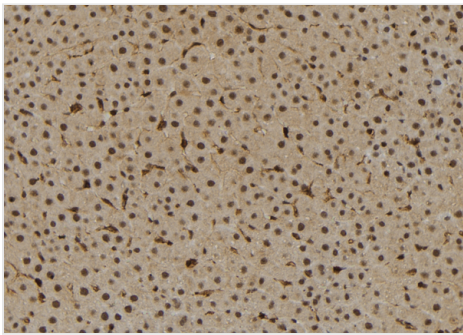
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat Predicted: Pig, Rabbit, Dog
Clonality	Polyclonal
Isotype	IgG
Specificity	Phospho-PSD93 (Tyr348) Antibody detects endogenous levels of PSD93 only when phosphorylated at Tyr348.
Purity/Purification	Purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns.
Form/Format	Liquid; Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	975
Applicable Applications for anti-PSD93 antibody	ELISA (Peptide ELISA), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human PSD93 around the phosphorylation site of Tyr348.
Subcellular Location	Plasma Membrane
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.



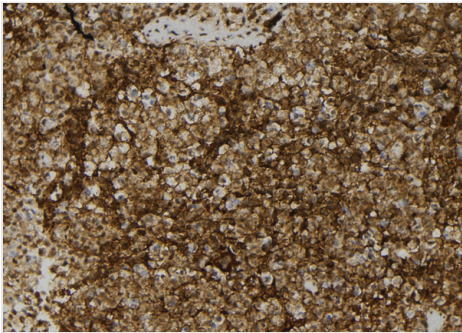
WB (Western Blot)

Western blot analysis of Phospho-PSD93 (Tyr348) in lysates of Jurkat cells, using Phospho-PSD93 (Tyr348) Antibody.



IHC (Immunohistochemistry)

At 1/100 staining rat liver tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary



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At 1/100 staining mouse spleen tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary

ADDITIONAL INFORMATION

Related Product Information for anti-PSD93 antibody	Description: 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).
	Post Translational Modifications: Palmitoylation of isoform 1 is not required for targeting to postsynaptic density.
	Subunit Structure: Interacts through its PDZ domains with NETO1 (By similarity). Interacts with NOS1/nNOS through second PDZ domain (By similarity). Interacts with KCNJ2/Kir2.1 (via C-terminus) through one of its PDZ domains (PubMed:15304517). Interacts with KCNJ4 (By similarity), Interacts with FRMPD4 (via C-terminus) (PubMed:19118189). Interacts with LRFN1, LRFN2 and LRFN4 (PubMed:16630835). Interacts with FASLG (PubMed:19807924). Interacts with KCNJ4 (By similarity). Interacts with ADAM22 (By similarity).
	Similarity: An N-terminally truncated L27 domain is predicted in isoform 2 at positions 1 through 27. Belongs to the MAGUK family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	218156338
NCBI GeneID	1740
NCBI Accession #	NP_001136171.1

NCBI GenBank Nucleotide #	NP_001136171.1
UniProt Accession #	Q15700
Molecular Weight	Observed: 98KD Predicted: 98 kDa
NCBI Official Full Name	disks large homolog 2 isoform 1
NCBI Official Synonym Full Names	discs large MAGUK scaffold protein 2
NCBI Official Symbol	DLG2
NCBI Official Synonym Symbols	PSD93; PSD-93; PPP1R58; chapsyn-110
NCBI Protein Information	disks large homolog 2
UniProt Protein Name	Disks large homolog 2
UniProt Gene Name	DLG2
UniProt Synonym Gene Names	Chapsyn-110
UniProt Entry Name	DLG2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/psd93-antibody-peptide-elisa-immunohistochemistry-western-blot-elisa/328521>