

Rabbit DLG2 Polyclonal Antibody | anti-DLG2 antibody

DLG2 Antibody

CATALOG # AAA267922	HOST Rabbit	REACTIVITY Human, Rat, Mouse	APPLICATIONS ELISA, Immunofluorescence, Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

DLG2; Polyclonal Antibody; DLG2 Antibody; channel associated protein of synapse-110; chapsyn-110; Discs; large 2; postsynaptic density protein PSD-93; anti-DLG2 antibody

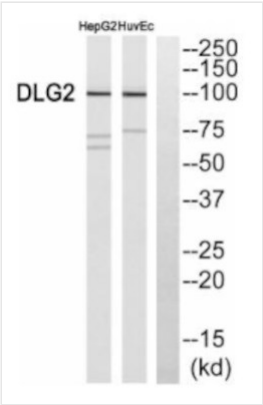
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	PSD-93 Polyclonal Antibody detects endogenous levels of PSD-93 protein
Purity/Purification	Immunogen affinity purified
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Sequence Length	975
Applicable Applications for anti-DLG2 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized peptide derived from human DLG2. AA range:601-650
Organism	Human,Mouse
Cellular Localization	Cell membrane ; Lipid-anchor . Cell junction, synapse, postsynaptic density . Cell junction, synapse . Membrane . Cell projection, axon . Perikaryon . Concentrated in soma and postsynaptic density of a subset of neurons.
Tissue specificity	Brain,Brain cortex,Caudate nucleus,Cerebellum,Retina
Function	Domain:Isoform 2 has an L27 domain close to N-terminus.,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.,PTM:Palmitoylation of isoform 1 is not required for targeting to postsynaptic density.,similarity:Belongs to the MAGUK family., similarity:Contains 1 guanylate kinase-like domain.,similarity:Contains 1 SH3 domain., similarity: Contains 3 PDZ (DHR) domains.,subcellular location:Concentrated in soma and postsynaptic density of subset of neurons.,subunit:Interacts with NOS1/nNOS through second PDZ domain (By similarity). Interacts with C-terminus of KCNJ2/Kir2.1 through one of its PDZ domains
Preparation and Storage	Store at -15 degree C to -25 degree C. (Do not lower than -25 degree C)

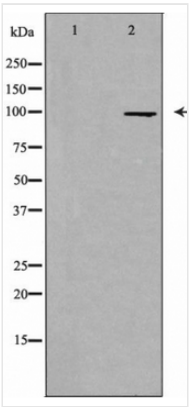
IMAGES



IHC (Immunohistochemisry)
Immunohistochemistry analysis of paraffin- embedded human brain, using DLG2 Antibody.
The lane on the right is blocked with the DLG2 peptide.



WB (Western Blot)
Western blot analysis of DLG2 Antibody. The lane on the right is blocked with the DLG2 peptide



WB (Western Blot)
Western blot analysis of extracts from HepG2 cells and HuvEc cells, using DLG2 antibody.

NCBI AND UNIPROT INFORMATION

NCBI GI #	218156338
NCBI GeneID	1740
NCBI Accession #	NP_001136171.1
NCBI GenBank Nucleotide #	NM_001142699.1
UniProt Accession #	Q15700; Q59G57; Q5H9Q4; Q68CQ8; Q6ZTA8; B7WNY8; F8W9V6
Molecular Weight	97kD (Observed)
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

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://www.aaabiotech.com/polyclonal/dlg2-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/267922>