DLG4 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	DLG4, Polyclonal Antibody
Full Product Name	DLG4 (C-Term) Rabbit pAb
Product Gene Name	anti-DLG4 antibody
Product Synonym Names	Disks large homolog 4; Postsynaptic density protein 95; PSD-95; Synapse-associated protein 90; SAP-90; SAP90; DLG4; PSD95
Clonality	Polyclonal
Isotype	Ig
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Form/Format	In PBS supplemented with 0.09% (W/V) Sodium Azide.
Purity/Purification	Affinity Purified
OMIM	602887
3D Structure	ModBase 3D Structure for P78352
Immunogen	This DLG4 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 548-579 amino acids from human DLG4.
Cellular Localization	Cell Junction, Cell Membrane, Cell Projection, Cytoplasm, Membrane, Postsynaptic Cell Membrane, Synapse
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-DLG4 antibody	Western Blot (WB)
Application Notes for anti-DLG4 antibody	WB: 1:2000
Related Product Information for anti-DLG4 antibody	MBS8557715 is an antibody targeting DLG4. Also known as DLG4 (C-Term) Rabbit pAb. Reactive in Human, Mouse, Rat. Host: Rabbit.
Other Notes	Small volumes of anti-DLG4 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for DLG4. It may not necessarily be applicable to this product.

NCBI GI #	192447426
NCBI GeneID	1742
NCBI Accession #	NP_001122299.1
UniProt Primary Accession #	P78352
UniProt Related Accession #	P78352
GenBank Nucleotide #	NP_001122299.1

NCBI Official Full Name	disks large homolog 4 isoform 2
NCBI Official Synonym Full Names	discs large MAGUK scaffold protein 4
NCBI Official Symbol	DLG4
NCBI Official Synonym Symbols	PSD95; SAP90; SAP-90
UniProt Protein Name	Disks large homolog 4
UniProt Synonym Protein Names	Postsynaptic density protein 95; PSD-95; Synapse-associated protein 90
Protein Family	Disks large
UniProt Gene Name	DLG4
UniProt Synonym Gene Names	PSD95; PSD-95; SAP-90; SAP90
UniProt Entry Name	DLG4_HUMAN
NCBI Protein Information	disks large homolog 4
NCBI Summary for DLG4	This gene encodes a member of the membrane-associated guanylate kinase (MAGUK) family. It heteromultimerizes with another MAGUK protein, DLG2, and is recruited into NMDA receptor and potassium channel clusters. These two MAGUK proteins may interact at postsynaptic sites to form a multimeric scaffold for the clustering of receptors, ion channels, and associated signaling proteins. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]
Research Articles on DLG4	**1.** Here we report an evaluation of the effect of the truncation of this additional helix on the folding and unfolding kinetics of PSD-95 (PDZ3). Fluorescent variants of full length and truncated PDZ3 were produced and stopped-flow fluorescence measurements were made under different experimental conditions (pH, ionic strength and temperature) to investigate the folding kinetics of the respective variant.
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