DLG4 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	DLG4, Polyclonal Antibody
Full Product Name	DLG4 (Disks Large Homolog 4, Postsynaptic Density Protein 95, PSD-95, Synapse-associated Protein 90, SAP-90, SAP90, PSD95) (MaxLight 490)
Product Gene Name	anti-DLG4 antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight490.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human DLG4.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amo
Molecular Weight	80,495 Da
Chromosome Location	Chromosome: 17; NC_000017.11 (7189890..7220050, complement). Location: 17p13.1
OMIM	602887
3D Structure	ModBase 3D Structure for P78352
Immunogen	Full length human DLG4, aa1-767 (NP_001356.1).
Immunogen Sequence	MSQRPRAPRSALWLLAPPLLRWAPPLLTVLHSDLFQALLDILDYYEASLSESQKYRYQDEDTPPLEHSPAHLPNQANSPPVIVNTDTLEAPGYELQVNGTE
Conjugate	MaxLight490
Note	Preservative Free
Product Categories/Family for anti-DLG4 antibody	Antibodies; Neuroscience
Applications Tested/Suitable for anti-DLG4 antibody	Western Blot (WB)
Application Notes for anti-DLG4 antibody	Applications are based on unconjugated antibody.

Related Product Information for anti-DLG4 antibody	Interacts with the cytoplasmic tail of NMDA receptor subunits and shaker-type potassium channels. Required for synaptic plasticity associated with NM
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 necess
Searchable Terms for DLG4 purchase	MBS6376277 is an antibody targeting DLG4. Also known as DLG4 (Disks Large Homolog 4, Postsynaptic Density Protein 95, PSD-95, Synapse-assoc

ADDITIONAL DETAILS

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

NCBI GI #	4557529
NCBI GeneID	1742
NCBI Accession #	NP_001356.1
UniProt Primary Accession #	P78352
UniProt Secondary Accession #	Q92941; Q9UKK8; B7Z1S1; G5E939
UniProt Related Accession #	P78352
GenBank Nucleotide #	NM_001365
NCBI Official Full Name	disks large homolog 4 isoform 1
NCBI Official Synonym Full Names	discs, large homolog 4 (Drosophila)
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; discs large homolog 4; Tax interaction protein 15; synapse-associated protein 90; postsynaptic density protein 95; post-synaptic density protein 95
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