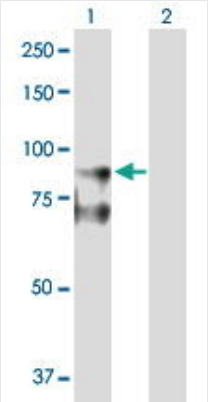
DLG4 Antibody – Rabbit Polyclonal

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) (HRP)
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 Horseradish Peroxidase (HRP).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human DLG4.
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and stor
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	HRP
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	MBS6376275 is an antibody targeting DLG4. Also known as DLG4 (Disks Large Homolog 4, Postsynaptic Density Protein 95, PSD-95, Synapse-assoc



Western Blot (WB) of anti-DLG4 antibody
Western Blot analysis of DLG4 expression in transfected 293T cell line by DLG4 polyclonal antibody. Lane 1: DLG4 transfected lysate (85.4kD). Lane 2: Non-transfected lysate.

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
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/polyclonal-human-antibody/dlg4/6376275