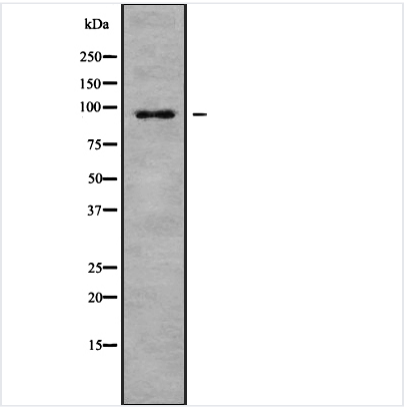
DLG3 Antibody

PRODUCT OVERVIEW

Product Name	DLG3, Antibody
Full Product Name	DLG3 Antibody
Product Gene Name	anti-DLG3 antibody
Molecular Weight	42,112 Da
OMIM	300189
3D Structure	ModBase 3D Structure for Q92796
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for anti-DLG3 antibody	MBS8518454 is an antibody targeting DLG3. Also known as DLG3 Antibody.
Other Notes	Small volumes of anti-DLG3 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.



Western Blot (WB) of anti-DLG3 antibody
Western blot analysis DLG3 using HuvEc whole cell lysates

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for DLG3. It may not necessarily be applicable to this product.

NCBI GI #	261862237
NCBI GeneID	1741
NCBI Accession #	NP_001159750.1
UniProt Primary Accession #	Q92796
UniProt Secondary Accession #	Q5JUW6; Q5JUW7; Q9ULI8; B4E0H1; D3DVU5
UniProt Related Accession #	Q92796
GenBank Nucleotide #	NM_001166278.1
NCBI Official Full Name	disks large homolog 3 isoform c

NCBI Official Synonym Full Names	discs large MAGUK scaffold protein 3
NCBI Official Symbol	DLG3
NCBI Official Synonym Symbols	MRX; XLMR; MRX90; NEDLG; SAP102; PPP1R82
UniProt Protein Name	Disks large homolog 3
UniProt Synonym Protein Names	Neuroendocrine-DLG; Synapse-associated protein 102; SAP-102; SAP102; XLMR
Protein Family	Disks large
UniProt Gene Name	DLG3
UniProt Synonym Gene Names	KIAA1232; SAP-102; SAP102
NCBI Protein Information	disks large homolog 3
NCBI Summary for DLG3	This gene encodes a member of the membrane-associated guanylate kinase protein family. The encoded protein may play a role in clustering of NMDA receptors at excitatory synapses. It may also negatively regulate cell proliferation through interaction with the C-terminal region of the adenomatosis polyposis coli tumor suppressor protein. Mutations in this gene have been associated with X-linked cognitive disability. Alternatively spliced transcript variants have been described. [provided by RefSeq, Oct 2009]
UniProt Comments for DLG3	Required for learning most likely through its role in synaptic plasticity following NMDA receptor signaling.
Research Articles on DLG3	**1.** This family broadens the mutational and phenotypical spectrum of DLG3-associated non-syndromic X-linked intellectual disability and demonstrates that heterozygous female mutation carriers can be as severely affected as males.
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