

Rabbit DLG3 Polyclonal Antibody | anti-DLG3 antibody

DLG3 Rabbit pAb

CATALOG # AAA281702	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
-------------------------------	-----------------------	--	---

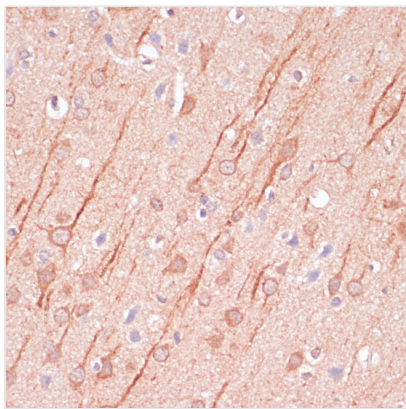
PRODUCT SYNONYMS

DLG3; Polyclonal Antibody; DLG3 Rabbit pAb; MRX; MRX90; NEDLG; PPP1R82; SAP102; XLMR; anti-DLG3 antibody

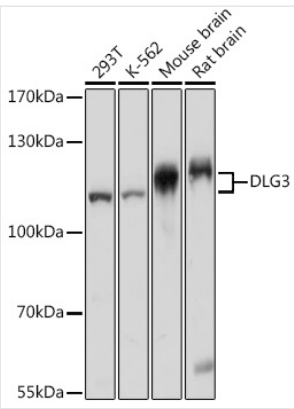
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Sequence	QYRPEEYSRF ESKIHDLREQ MMNSSMSSGS GSLRTSEKRS LYVRALFDYD RTRDSCLPSQ GLSFSYGDIL HVINASDDEW WQARLVTPHG ESEQIGVIPS KKRVEKKERA RLKTVKFHAR TGMIESNRDF PGLSDDYYGA KNLKGQEDAI LSYEPVTRQE IHYARPVIL GPMKDRVND LIEFPHKFG SCVPHTTRPR RDNEVDGQDY HFVVSREQME KDIQDNKFIE AGQFNDNLYG TSIQSVRAVA ERGKHCILDV SGNAIKRLQQ AQLYPIAIFI KPKSIEALME MNRRQTYEQA NKIYDKAMKL EQEFGYEFTA IVQGDSLEEI YNKIKQIIED QSGHYIWVPS PEKL
Applicable Applications for anti-DLG3 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 464-817 of human DLG3 (NP_066943.2).
Positive Samples	293T, K-562, Mouse brain, Rat brain
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded rat brain using DLG3 antibody at dilution of 1:100 (40x lens).



WB (Western Blot)
Western blot analysis of extracts of various cell lines, using DLG3 pAb at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 1s.

ADDITIONAL INFORMATION

Related Product Information for anti-DLG3 antibody	Background: 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 mental retardation. Alternatively spliced transcript variants have been described.
Product Categories/Family for anti-DLG3 antibody	Neuroscience; Cell Type Marker; Neuron marker; Research; Neuroscience; Cell Type Marker; Dendrite marker; Research; Neuroscience; Cell Type Marker; Synapse marker

NCBI AND UNIPROT INFORMATION

NCBI GI #	261862237
NCBI GeneID	1741
NCBI Accession #	NP_001159750.1
NCBI GenBank Nucleotide #	NM_001166278.1
UniProt Accession #	Q92796; Q5JUW6; Q5JUW7; Q9ULI8; B4E0H1; D3DVU5
Molecular Weight	42,112 Da
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
NCBI Protein Information	disks large homolog 3
UniProt Protein Name	Disks large homolog 3
UniProt Gene Name	DLG3
UniProt Synonym Gene Names	KIAA1232; SAP-102; SAP102

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.

