

Rabbit DLG3 Polyclonal Antibody | anti-DLG3 antibody

DLG3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA327951	Rabbit	Human, Mouse, Rat	ELISA, Western Blot

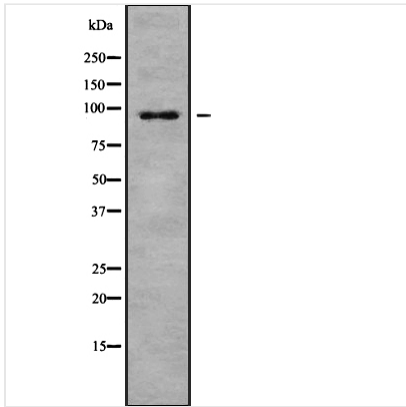
PRODUCT SYNONYMS

DLG3; Polyclonal Antibody; DLG3 Antibody; bA291O7.3; bA291O7.3 discs large Drosophila homolog 3 neuroendocrine dlG; Discs large Drosophila homolog 3; Discs large homolog 3 neuroendocrine dlG Drosophila; Discs large homolog 3; Discs large homolog 3 Drosophila; Discs; large homolog 3 (Drosophila); Disks large homolog 3; DLG 3; Dlg3; DLG3_HUMAN; KIAA1232; mKIAA1232; MRX 90; MRX; MRX90; NE Dlg; NEDLG; Neuroendocrine dlG; Neuroendocrine-DLG; OTTHUMP00000023475; OTTHUMP00000023476; OTTHUMP00000023477; SAP 102; SAP-102; SAP102; Synapse associated protein 102; Synapse-associated protein 102; XLMR; anti-DLG3 antibody

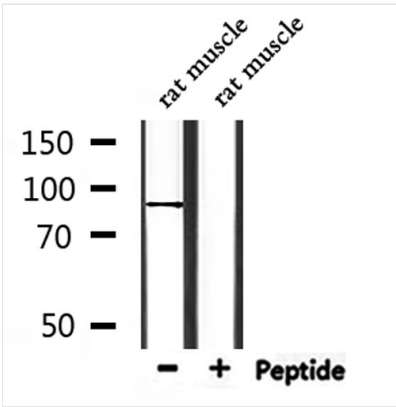
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	DLG3 antibody detects endogenous levels of total DLG3
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	366
Applicable Applications for anti-DLG3 antibody	ELISA, WB (Western Blot)
Immunogen	A synthesized peptide derived from human DLG3
Predicted Cross Reactivity	Pig, Zebrafish, Bovine, Sheep, Rabbit, Dog, Chicken
Similarity	Pig (100%), Zebrafish (82%), Bovine (100%), Sheep (100%), Rabbit (100%), Dog (100%), Chicken (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



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



WB (Western Blot)
Western blot analysis of extracts from rat muscle, using DLG3 Antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-DLG3 antibody	Function: Required for learning most likely through its role in synaptic plasticity following NMDA receptor signaling. Subunit Structure: Interacts through its PDZ domains with NETO1, GRIN2B and SYNGAP1. Interacts through its guanylate kinase-like domain with DLGAP1, DLGAP2, DLGAP3 and DLGAP4. Interacts with FLTP/C1orf192 (By similarity). Interacts through its PDZ domains with APC. Interacts through its first two PDZ domains with ERBB4. Interacts through its third PDZ domain with NLGN1, and probably with NLGN2 and NLGN3. Interacts with FRMPD4 (via C-terminus). Interacts with LRFN1, LRFN2 and LRFN4. Similarity: Belongs to the MAGUK family.
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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	Observed: 90 kDa Predicted: 91 kDa
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.