Rabbit DLGP1 Polyclonal Antibody | anti-DLGP1 antibody

DLGP1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA320945	**Rabbit**	**Human, Mouse, Rat**	**ELISA, Immunocytochemistry, Immunofluorescence, Western Blot**

PRODUCT SYNONYMS

DLGP1; Polyclonal Antibody; DLGP1 Antibody; 4933422O14Rik; 9630002F18; AI845682; AI848168; BB075781; D17Bwg0511e; DAP 1 ALPHA; DAP 1; DAP 1 BETA; DAP-1; DAP-1-ALPHA; DAP-1-BETA; DAP1; Discs large (Drosophila) homolog associated protein 1; Discs large homolog associated protein 1; Disks large associated protein 1; alpha isoform; included; beta isoform; Disks large-associated protein 1; DLGAP 1; Dlgap1; DLGP1_HUMAN; GKAP; GKAP/SAPAP; GKPA/SAPAP; Guanylate kinase associated protein; Guanylate kinase-associated protein; hGKAP; KIAA4162; MGC88156; mKIAA4162; PSD 95/SAP90 binding protein 1; PSD-95/SAP90-binding protein 1; SAP90/PSD 95 associated protein 1; SAP90/PSD-95-associated protein 1; SAPAP 1; SAPAP1; anti-DLGP1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	DLGP1 antibody detects endogenous levels of total DLGP1
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	675
Applicable Applications for anti-DLGP1 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human DLGP1
Subcellular Location	Cell Membrane. Cell Junction > Synapse > Postsynaptic Cell Membrane > Postsynaptic Density. Cell Junction > Synapse. Found in postsynaptic density of neuronal cells.
Tissue Specificity	Expressed in brain.
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 on HepG2 cell lysate using DLGP1 Antibody.The lane on the left is treated with the antigen-specific peptide.

IF (Immunofluorescence)
AAA320945 staining MCF-7 cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-DLGP1 antibody	Description: SAPAP1 Part of the postsynaptic scaffold in neuronal cells. Belongs to the SAPAP family. Interacts with guanylate kinase-like domain of DLG1, DLG2, DLG3, DLG4 and AIP1. Interacts with the PDZ domain of SHANK1, SHANK2 and SHANK3. Found in a complex with DLG4 and SHANK1, SHANK2 or SHANK3. Found in a complex with DLG4 and BEGAIN. Function: Part of the postsynaptic scaffold in neuronal cells. Subunit Structure: Interacts with guanylate kinase-like domain of DLG1, DLG2, DLG3, DLG4 and AIP1. Interacts with the PDZ domain of SHANK1, SHANK2 and SHANK3. Found in a complex with DLG4 and SHANK1, SHANK2 or SHANK3. Found in a complex with DLG4 and BEGAIN. Interacts with DYL2 and LRFN1 (By similarity). Interacts with MPP2 (via the SH3-Guanylate kinase-like sub-module) (By similarity). Similarity: Belongs to the SAPAP family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	51339031
NCBI GeneID	9229
NCBI Accession #	NP_001003809.1
NCBI GenBank Nucleotide #	NM_001003809.2
UniProt Accession #	O14490; O14489; P78335; A8MWN8; B2RMU8; B7WPA1; B7Z2H2; B7Z2I2; B7Z9Y4
Molecular Weight	Observed: 108 kDa Predicted: 109 kDa
NCBI Official Full Name	disks large-associated protein 1 isoform 2
NCBI Official Synonym Full Names	DLG associated protein 1
NCBI Official Symbol	DLGAP1
NCBI Official Synonym Symbols	DAP1; GKAP; DAP-1; SAPAP1; DLGAP1A; DLGAP1B; DAP-1-BETA; DAP-1-ALPHA
NCBI Protein Information	disks large-associated protein 1
UniProt Protein Name	Disks large-associated protein 1
UniProt Gene Name	**DLGAP1**
UniProt Synonym Gene Names	DAP1; GKAP; DAP-1; hGKAP; SAPAP1

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.

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