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## anti-DLG1 antibody (Internal Region)



Image



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#### Overview

Quantity:	100 μg
Target:	DLG1
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This DLG1 antibody is un-conjugated
Application:	ELISA, Immunofluorescence (IF), Flow Cytometry (FACS)

#### **Product Details**

Purpose:	DLG1
Immunogen:	C-NSKTRDKGEIPDD
Sequence:	NSKTRDKGEI PDD
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

### **Target Details**

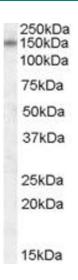
rarget Details	
Target:	DLG1
Alternative Name:	DLG1 (DLG1 Products)
Background:	DLG1, discs, large homolog 1 (Drosophila), DKFZp761P0818, DKFZp781B0426, DLGH1, SAP97, dJ1061C18.1.1, hdlg, discs large homolog 1, discs, large homolog 1, presynaptic protein SAP97, synapse-associated protein 97
Gene ID:	1739
NCBI Accession:	NP_001091894, NP_004078
Pathways:	Regulation of Actin Filament Polymerization, Cell-Cell Junction Organization, Production of Molecular Mediator of Immune Response
Application Details	
Application Notes:	Western Blot: Preliminary testing showed a band at approx 150 kDa in lysate of cell line Kelly after 0.3 µg/mL antibody staining (calculated MW of 103 kDa according to NP_004078.2). This molecular weight is observed by other sources. Primary incubation 1 h Peptide ELISA: antibody detection limit dilution 1:16000.
Comment:	Immunofluorescence: Strong expression of the protein seen in the cytoplasm and ER of HeLa and U2OS cells. Recommended concentration: 10µg/ml.  Flow Cytometry: Flow cytometric analysis of HeLa cells. Recommended concentr
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C

#### Handling

Storage Comment:

Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

#### **Images**



**Image 1.** ABIN263164 (0.3 $\mu$ g/ml) staining of KELLY lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.