

ARG64542 anti-DLG1 antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes DLG1
Tested Reactivity	Hu
Predict Reactivity	Ms, Rat
Tested Application	WB
Specificity	This antibody is expected to recognize both reported isoforms (NP_001091894.1 and NP_004078.2).
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	DLG1
Species	Human
Immunogen	C-NSKTRDKGEIPDD
Conjugation	Un-conjugated
Alternate Names	SAP97; DLGH1; Synapse-associated protein 97; dJ1061C18.1.1; hDlg; Disks large homolog 1; SAP-97; hDlg

Application Instructions

Application table	Application	Dilution
	WB	0.3 - 1 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	~ 150 kDa	

Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed

before use.

Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links

[GeneID: 1739 Human](#)

[Swiss-port # Q12959 Human](#)

Background

This gene encodes a multi-domain scaffolding protein that is required for normal development. This protein may have a role in septate junction formation, signal transduction, cell proliferation, synaptogenesis and lymphocyte activation. Several alternatively spliced transcript variants encoding different isoforms have been described for this gene, but the full-length nature of some of the variants is not known. [provided by RefSeq, Feb 2011]

Research Area

Microbiology and Infectious Disease antibody; Neuroscience antibody

Calculated Mw

100 kDa

PTM

Phosphorylated by MAPK12. Phosphorylation of Ser-232 regulates association with GRIN2A (By similarity).

Images



ARG64542 anti-DLG1 antibody WB image

Western Blot: KELLY lysate (35 µg protein in RIPA buffer) stained with ARG64542 anti-DLG1 antibody at 0.3 µg/ml dilution.