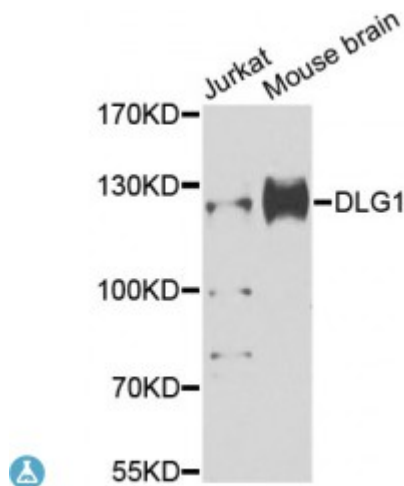


Anti-DLG1 Antibody



Description

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.

Model	STJ114306
Host	Rabbit
Reactivity	Human, Mouse
Applications	WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-190 of human DLG1 (NP_004078.2).
Gene ID	1739
Gene Symbol	DLG1
Dilution range	WB 1:500 - 1:2000
Tissue Specificity	Abundantly expressed in atrial myocardium (at protein level), Expressed in lung fibroblasts, cervical epithelial and B-cells (at protein level), Widely expressed, with isoforms displaying different expression profiles
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Disks large homolog 1 Synapse-associated protein 97 SAP-97 SAP97 hDlg

Molecular Weight	100.455 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:29000MIM:601014Reactome:R-HSA-399719
Alternative Names	Disks large homolog 1 Synapse-associated protein 97 SAP-97 SAP97 hDlg
Function	Essential multidomain scaffolding protein required for normal development , Recruits channels, receptors and signaling molecules to discrete plasma membrane domains in polarized cells, May play a role in adherens junction assembly, signal transduction, cell proliferation, synaptogenesis and lymphocyte activation, Regulates the excitability of cardiac myocytes by modulating the functional expression of Kv4 channels, Functional regulator of Kv1,5 channel,
Cellular Localization	Membrane,
Post-translational Modifications	Phosphorylated by MAPK12, Phosphorylation of Ser-232 regulates association with GRIN2A ,