

#### ARG64542 anti-DLG1 antibody

Package: 100 μg Store at: -20°C

#### Summary

Product DescriptionGoat Polycional antibody recognizes DLG1Tested ReactivityM.Predict ReactivityM.S. RatTested ApplicationWBSpecificityThis antibody is expected to recognize both reported isoforms (NP_001091894.1and NP_004078.2).HostGoatClonalityGoatI SolutionPolycionalTarget NameUGSpecificityUGInmunogenCNSKTRDKGEIPDDConjugationUn-conjugated protein 97.0101918.1.1; holgs, Disks, Specificity Specificit			
Predict ReactivityMs, RatTested ApplicationWBSpecificityThis antibody is expected to recognize both reported isoforms (NP_001091894.1and NP_004078.2.).HostGoatClonalityPolyclonalNotpeeIgGTarget NameDLG1SpeciesHumanImunogenC-NSKTRDKGEIPDDChongationJn-conjugated protein 97; JL1061215.1.; JL612; SpeciesAtternate NamesSAP97; DLGH1; Synapse-associated protein 97; JL1061215.1.; JL612; Species	Product Description	Goat Polyclonal antibody recognizes DLG1	
Tested ApplicationWBSpecificityThis antibody is expected to recognize both reported isoforms (NP_001091894.1and NP_004078.2).HostGoatClonalityPolyclonalIsotypeIgGTarget NameUG1SpeciesHumanImmunogenC-NSKTRDKGEIPDDKorjugationUn-conjugated protein 97; dJ1061218.1.1; hdlg; Disks Iarge homolog 1; SAP97; DLGH1; Synapse-associated protein 97; dJ1061218.1.1; hdlg; Disks Iarge homolog 1; SAP97; DLGH1; Synapse-associated protein 97; dJ1061218.1.1; hdlg; Disks Iarge homolog 1; SAP97; DLGH1; Synapse-associated protein 97; dJ1061218.1.1; hdlg; Disks Iarge homolog 1; SAP97; DLGH1; Synapse-associated protein 97; dJ1061218.1.1; hdlg; Disks Iarge homolog 1; SAP97; DLGH1; Synapse-associated protein 97; dJ1061218.1.1; hdlg; Disks Iarge homolog 1; SAP97; DLGH1; Synapse-associated protein 97; dJ1061218.1.1; hdlg; Disks Iarge homolog 1; SAP97; DLGH1; Synapse-associated protein 97; dJ1061218.1.1; hdlg; Disks Iarge homolog 1; SAP97; DLGH1; Synapse-associated protein 97; dJ1061218.1.1; hdlg; Disks Iarge homolog 1; SAP97; DLGH1; Synapse-associated protein 97; dJ1061218.1.1; hdlg; Disks Iarge homolog 1; SAP97; DLGH1; Synapse-associated protein 97; dJ1061218.1.1; hdlg; Disks Iarge homolog 1; SAP97; DLGH1; Synapse-associated protein 97; dJ1061218.1.1; hdlg; Disks Iarge homolog 1; SAP97; DLGH1; Synapse-associated protein 97; dJ1061218.1.1; hdlg; Disks Iarge homolog 1; SAP97; DLGH1; Synapse-associated protein 97; dJ1061218.1.1; hdlg; DIsks Iarge homolog 1; SAP97; DLGH1; Synapse-associated protein 97; dJ1061218.1.1; hdlg; DIsks Iarge homolog 1; SAP97; DLGH1;	Tested Reactivity	Hu	
SpecificityThis antibody is expected to recognize both reported isoforms (NP_001091894.1and NP_004078.2).HostGoatClonalityPolyclonalIsotypeIgGTarget NameDLG1SpeciesHumanImmunogenC-NSKTRDKGEIPDDConjugationUn-conjugatedAlternate NamesSAP97; DLGH1; Synapse-associated protein 97; dJ1061C18.1.1; hdg; Disks large homolog 1; SAP-97;	Predict Reactivity	Ms, Rat	
HostGoatClonalityPolyclonalIsotypeIgGTarget NameDLG1SpeciesHumanImmunogenC-NSKTRDKGEIPDDConjugationUn-conjugatedAlternate NamesSAP97; DLGH1; Synapse-associated protein 97; dJ1061C18.1.1; hdlg; Disks large homolog 1; SAP-97;	Tested Application	WB	
ClonalityPolyclonalIsotypeIgGTarget NameDLG1SpeciesHumanImmunogenC-NSKTRDKGEIPDDConjugationUn-conjugategAlternate NamesSAP97; DLGH1; Synapse-associated protein 97; dJ10611; L1,	Specificity	This antibody is expected to recognize both reported isoforms (NP_001091894.1and NP_004078.2).	
IsotypeIgGTarget NameDLG1SpeciesHumanImmunogenC-NSKTRDKGEIPDDConjugationUn-conjugatedAlternate NamesSAP97; DLGH1; Synapse-associated protein 97; dJ1061C18.1.1; hdlg; Disks large homolog 1; SAP-97;	Host	Goat	
Target NameDLG1SpeciesHumanImmunogenC-NSKTRDKGEIPDDConjugationUn-conjugatedAlternate NamesSAP97; DLGH1; Synapse-associated protein 97; dJ1061C18.1.1; hdlg; Disks large homolog 1; SAP-97;	Clonality	Polyclonal	
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;	Isotype	IgG	
ImmunogenC-NSKTRDKGEIPDDConjugationUn-conjugatedAlternate NamesSAP97; DLGH1; Synapse-associated protein 97; dJ1061C18.1.1; hdlg; Disks large homolog 1; SAP-97;	Target Name	DLG1	
ConjugationUn-conjugatedAlternate NamesSAP97; DLGH1; Synapse-associated protein 97; dJ1061C18.1.1; hdlg; Disks large homolog 1; SAP-97;	Species	Human	
Alternate Names SAP97; DLGH1; Synapse-associated protein 97; dJ1061C18.1.1; hdlg; Disks large homolog 1; SAP-97;	Immunogen	C-NSKTRDKGEIPDD	
	Conjugation	Un-conjugated	
	Alternate Names		

# **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, alique 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 mi	

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

## Images

250kDa 150kDa	ARG64542 anti-DLG1 antibody WB image
100kDa	Western Blot: KELLY lysate (35 $\mu g$ protein in RIPA buffer) stained
75kDa	with ARG64542 anti-DLG1 antibody at 0.3 $\mu$ g/ml dilution.
50kDa	
37kDa	
OF! De	
25kDa	
20kDa	
15kDa	