antibodies - online.com







anti-DLG1 antibody (AA 801-904)



Publication



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Quantity:	100 μL
Target:	DLG1
Binding Specificity:	AA 801-904
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DLG1 antibody is un-conjugated
Application:	ELISA, Immunocytochemistry (ICC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunofluorescence (Paraffinembedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc))

Product Details

Target:

Alternative Name:

Product Details	
Immunogen:	KLH conjugated synthetic peptide derived from human SAP97
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Dog,Cow,Pig,Horse,Rabbit
Purification:	Purified by Protein A.
Target Details	

DLG1

SAP97 (DLG1 Products)

Target Details

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Synonyms: Discs large homolog 1, Disks large homolog 1, DLG 1, DLG1, DLG1_HUMAN, DLGH 1, DLGH1, HDLG, Presynaptic protein SAP97, SAP 97, SAP-97, SAP97, Synapse associated protein 97, Synapse-associated protein 97

Background: The discs large (dlg) tumor suppressor gene was first identified in Drosophila through genetic analysis of germline mutations. Several mammalian homologs were subsequently identified and categorized into a protein family designated MAGUK (membrane-associated guanylate kinase homolog). The mammalian homolog of dlg, SAP 97, is also known as hdlg-1 (human) and NE-dlg (neuronal and endocrine). The rat synaptic protein SAP 90 (also designated PSD-95) also shares homology with these proteins. MAGUKs are localized at the membrane-cytoskeleton interface and contain several distinct domains which suggest a role for these proteins in intracellular signal transduction. Interaction of hdlg-1 and NE-dlg with the tumor suppresor protein APC suggest that MAGUK proteins may also play a role in regulation of growth.

Gene ID:

1739

Pathways:

Regulation of Actin Filament Polymerization, Cell-Cell Junction Organization, Production of Molecular Mediator of Immune Response

Application Details

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ELISA 1:500-1000

IHC-P 1:200-400

IHC-F 1:100-500

IF(IHC-P) 1:50-200

IF(IHC-F) 1:50-200

IF(ICC) 1:50-200

ICC 1:100-500

Restrictions:

For Research Use only

Handling

Format:	Liquid
Concentration:	1 μg/μL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin

Handling

Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months
Publications	
Product cited in:	Lowe, Usowicz, Hodge: "Neuronal overexpression of Alzheimer's disease and Down's syndrome

Lowe, Usowicz, Hodge: "Neuronal overexpression of Alzheimer's disease and Down's syndrome associated DYRK1A/minibrain gene alters motor decline, neurodegeneration and synaptic plasticity in Drosophila." in: **Neurobiology of disease**, Vol. 125, pp. 107-114, (2019) (PubMed).