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Datasheet for ABIN1390539

anti-DLG3 antibody (AA 501-600) (Alexa Fluor 350)

Overview

Quantity:	100 µL
Target:	DLG3
Binding Specificity:	AA 501-600
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DLG3 antibody is conjugated to Alexa Fluor 350
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human SAP102
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Predicted Reactivity:	Mouse,Dog,Cow,Pig,Horse,Chicken,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	DLG3
Alternative Name:	SAP102/DLG3 (DLG3 Products)

Target Details

Background: Synonyms: Discs large homolog 3 neuroendocrine dlg, Discs large homolog 3, Disks large homolog 3, DLG 3, DLG3, DLG3_HUMAN, MPP3, MPP-3, KIAA1232, mKIAA1232, MRX 90, MRX, MRX90, NE Dlg, NEDLG, Neuroendocrine dlg, Neuroendocrine-DLG, OTTHUMP00000023475, OTTHUMP00000023476, OTTHUMP00000023477, SAP 102, SAP-102, SAP102, Synapse associated protein 102, Synapse-associated protein 102, XLMR, bA29107.3, bA29107.3.

Background: MPP3, also known as Discs large homolog 3 (DLG3), is a 585 amino acid protein belonging to the MAGUK family. Proteins in the MAGUK family, including CASK, ZO-1, ZO-2, p55 and MPP2, are known to regulate cell proliferation, intracellular junctions and signaling pathways by interacting with the cytoskeleton. MPP3 contains one guanylate kinase-like domain, one PDZ domain, two L27 domains and one SH3 domain. Via the PDZ domain, MMP3 interacts with the C-terminus of TSLC1. MMP3 has also been found to interact with SR-2A and SR-4.

Gene ID: 1741, 1739

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months