Datasheet for ABIN7595797

anti-DLG3 antibody (AA 1-120) (FL650)

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Overview

Quantity:	200 µL
Target:	DLG3
Binding Specificity:	AA 1-120
Reactivity:	Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This DLG3 antibody is conjugated to FL650
Application:	Immunohistochemistry (IHC), Immunocytochemistry (ICC)

Product Details

Purpose:	Anti-SAP102 Antibody FL650 Conjugate
Immunogen:	Fusion protein amino acids 1-120 of rat SAP102 (accession number Q62936) produced recombinantly in E. Coli
Clone:	N19-2
Isotype:	IgG1
Specificity:	No off-targets reported for other MAGUK family membersPSD-95, SAP97, Chapsyn-110
Cross-Reactivity:	Human, Mouse, Rabbit, Rat
Characteristics:	Description: Our Anti-SAP102 mouse monoclonal primary antibody is produced in-house from hybridoma clone N19/2. It is KO validated, detects human, mouse, and rat SAP102, and is purified by Protein A chromatography. It is great for use in IHC, ICC.

Product Details

	Manufacturer Comment: We produce our SAP102 mouse monoclonal primary antibody from hybridoma clone N19/2. It is great in IHC, ICC and is purified by Protein A chromatography.
Purification:	Produced by in vitro bioreactor culture of hybridoma line followed by Protein A affinity chromatography and conjugation of purified mAb.
Purity:	> 90 % specific antibody

Target Details

Target:	DLG3
Alternative Name:	SAP102 (DLG3 Products)
Background:	Synonyms: Disks large homolog 3 (PSD-95/SAP90-related protein 1) (Synapse-associated protein 102) (SAP-102) (SAP102) Target Description: Synapse-Associated Protein 102, Disks large homolog 3(DLG3) or SAP102 MAGUK scaffold protein is encoded by the gene DLG3. SAP102 is a member of the MAGUK (membrane-associated guanylate kinase) protein family. SAP102 can bind to a number of adhesion molecules and receptors, including NMDA receptors and acts as a scaffold protein to mediate synaptic signaling. This protein plays a role in learning and memory and appears to be required for learning. Mutations in this gene have been associated with X-linked cognitive disability. Gene Name Alternatives: Dlg3 Dlgh3
Molecular Weight:	105 kDa

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	PBS with 0.09 % azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

Handling

	should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Aliquot and store at ≤ -20°C for long term storage. For short term storage, store at 2-8°C. For maximum recovery of product, centrifuge the vial prior to removing the cap.
Expiry Date:	12 months