

Datasheet for ABIN7539676
anti-DLG4 antibody (AA 54-300)



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Overview

Quantity:	100 µL
Target:	DLG4
Binding Specificity:	AA 54-300
Reactivity:	Rat, Human, Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This DLG4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Flow Cytometry (FACS)

Product Details

Purpose:	DLG4 Antibody
Immunogen:	Purified recombinant fragment of human DLG4 (AA: 54-300) expressed in HEK293-6e cells supernatant.
Clone:	2D5H2
Isotype:	IgG1
Purification:	Purified antibody

Target Details

Target:	DLG4
Alternative Name:	DLG4 (DLG4 Products)

Target Details

Background:	This gene encodes a member of the membrane-associated guanylate kinase (MAGUK) family. It heteromultimerizes with another MAGUK protein, DLG2, and is recruited into NMDA receptor and potassium channel clusters. These two MAGUK proteins may interact at postsynaptic sites to form a multimeric scaffold for the clustering of receptors, ion channels, and associated signaling proteins. Multiple transcript variants encoding different isoforms have been found for this gene.
Molecular Weight:	80.4 kDa
Gene ID:	1742
UniProt:	P78352
Pathways:	Regulation of Muscle Cell Differentiation , Synaptic Membrane , Skeletal Muscle Fiber Development , Asymmetric Protein Localization , Regulation of long-term Neuronal Synaptic Plasticity

Application Details

Application Notes:	ELISA: 1/10000 FCM: 1/200 - 1/400
Restrictions:	For Research Use only

Handling

Buffer:	Purified antibody in PBS with 0.05 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.