

Datasheet for ABIN7150077
anti-DLG4 antibody (AA 551-724) (Biotin)



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Overview

Quantity:	100 µL
Target:	DLG4
Binding Specificity:	AA 551-724
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DLG4 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Disks large homolog 4 protein (551-724AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Antigen Affinity purified & Affinity purified

Target Details

Target:	DLG4
Alternative Name:	DLG4 (DLG4 Products)
Background:	Background: Interacts with the cytoplasmic tail of NMDA receptor subunits and shaker-type potassium channels. Required for synaptic plasticity associated with NMDA receptor signaling.

Target Details

Overexpression or depletion of DLG4 changes the ratio of excitatory to inhibitory synapses in hippocampal neurons. May reduce the amplitude of ASIC3 acid-evoked currents by retaining the channel intracellularly. May regulate the intracellular trafficking of ADR1B (By similarity).
Aliases: Discs large homolog 4 antibody, Disks large homolog 4 antibody, DLG 4 antibody, Dlg4 antibody, DLG4_HUMAN antibody, FLJ97752 antibody, FLJ98574 antibody, Human post synaptic density protein 95 antibody, Post synaptic density protein 95 antibody, Postsynaptic density protein 95 antibody, PSD 95 antibody, PSD-95 antibody, PSD95 antibody, SAP 90 antibody, SAP-90 antibody, SAP90 antibody, Synapse associated protein 90 antibody, Synapse-associated protein 90 antibody, Tax interaction protein 15 antibody

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

Handling

Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4
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,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.