

Datasheet for ABIN7436216
anti-DLG4 antibody (AA 1-393)



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2 Images

Overview

Quantity:	100 µL
Target:	DLG4
Binding Specificity:	AA 1-393
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DLG4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunoprecipitation (IP)

Product Details

Purpose:	Polyclonal Antibody to Discs, Large Homolog 4 (DLG4)
Immunogen:	Recombinant Discs, Large Homolog 4 (DLG4) corresponding to Met1~Ser393 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against DLG4. It has been selected for its ability to recognize DLG4 in immunohistochemical staining and western blotting.
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

Target:	DLG4
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Target Details

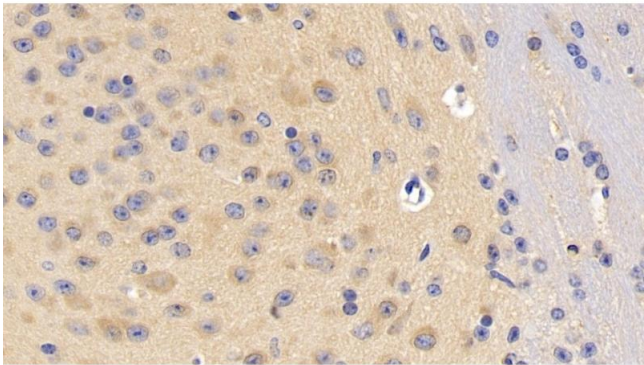
Alternative Name:	DLG4 (DLG4 Products)
Background:	PSD95, SAP90, Postsynaptic density protein 95, Synapse-associated protein 90
UniProt:	Q62108
Pathways:	Regulation of Muscle Cell Differentiation , Synaptic Membrane , Skeletal Muscle Fiber Development , Asymmetric Protein Localization , Regulation of long-term Neuronal Synaptic Plasticity

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL, Immunohistochemistry: 5-20 µg/mL, Immunocytochemistry: 5-20 µg/mL, Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

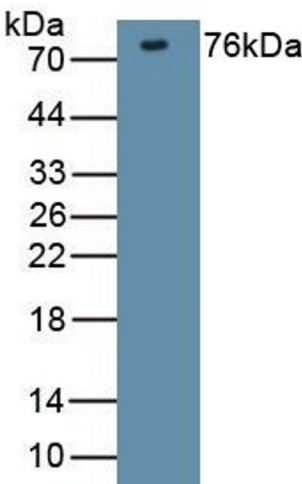
Handling

Format:	Liquid
Concentration:	0.42 mg/mL
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
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 for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



Immunohistochemistry

Image 1. Detection of DLG4 in Mouse Cerebrum Tissue using Polyclonal Antibody to Discs, Large Homolog 4 (DLG4)



Western Blotting

Image 2. Detection of Recombinant DLG4, Mouse using Polyclonal Antibody to Discs, Large Homolog 4 (DLG4)