

Datasheet for ABIN7150079

**anti-DLG4 antibody (AA 551-724) (HRP)**[Go to Product page](#)

## Overview

|                      |                                         |
|----------------------|-----------------------------------------|
| Quantity:            | 100 µL                                  |
| Target:              | DLG4                                    |
| Binding Specificity: | AA 551-724                              |
| Reactivity:          | Human                                   |
| Host:                | Rabbit                                  |
| Clonality:           | Polyclonal                              |
| Conjugate:           | This DLG4 antibody is conjugated to HRP |
| 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 ( <a href="#">DLG4 Products</a> )                                                                                                                                                  |
| 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:  | <a href="#">P78352</a>                                                                                                                                                                                                                                                     |
| Pathways: | <a href="#">Regulation of Muscle Cell Differentiation</a> , <a href="#">Synaptic Membrane</a> , <a href="#">Skeletal Muscle Fiber Development</a> , <a href="#">Asymmetric Protein Localization</a> , <a href="#">Regulation of long-term Neuronal Synaptic Plasticity</a> |

## 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<br>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.                                                     |