

For Research Use Only

# DLG2 Polyclonal antibody

Catalog Number: 29457-1-AP



## Basic Information

<b>Catalog Number:</b> 29457-1-AP	<b>GenBank Accession Number:</b> NM_001142699	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 450 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 1740	<b>Recommended Dilutions:</b> WB 1:1000-1:6000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q15700	
<b>Isotype:</b> IgG	<b>Full Name:</b> discs, large homolog 2 (Drosophila)	
<b>Immunogen Catalog Number:</b> AG30193	<b>Calculated MW:</b> 98 kDa	
	<b>Observed MW:</b> 110 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : mouse brain tissue, rat brain tissue
<b>Species Specificity:</b> Human, Mouse, Rat	

## Background Information

Disks large homolog 2 (DLG2) also known as channel-associated protein of synapse-110 (chapsyn-110) or postsynaptic density protein 93 (PSD-93) is a protein encoded by the DLG2 gene. Chapsyn-110/PSD-93 is a member of the membrane-associated guanylate kinase (MAGUK) family. The protein forms a heterodimer with a related family member that may interact at postsynaptic sites to form a multimeric scaffold for the clustering of receptors, ion channels, and associated signaling proteins (PMID: 8755482 9806853).

## Storage

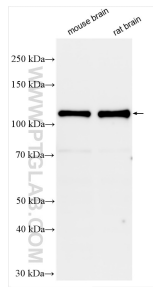
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
**Aliquoting is unnecessary for -20°C storage**

\*\*\* 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:  
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 29457-1-AP (DLG2 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.