



# Anti-DLG2 (aa 1-100) polyclonal antibody (DPABH-27822)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

|                            |   |
|----------------------------|---|
| <b>Antigen Description</b> | Required for perception of chronic pain through NMDA receptor signaling. Regulates surface expression of NMDA receptors in dorsal horn neurons of the spinal cord. Interacts with the cytoplasmic tail of NMDA receptor subunits as well as inward rectifying potassium channels. Involved in regulation of synaptic stability at cholinergic synapses. Part of the postsynaptic protein scaffold of excitatory synapses. |
| <b>Immunogen</b>           | Synthetic peptide derived from residues 1 - 100 of Mouse PSD93.   |
| <b>Isotype</b>             | IgG   |
| <b>Source/Host</b>         | Goat  |
| <b>Species Reactivity</b>  | Mouse   |
| <b>Purification</b>        | Immunogen affinity purified   |
| <b>Conjugate</b>           | Unconjugated  |
| <b>Applications</b>        | ICC/IF, IHC-P, WB   |
| <b>Format</b>              | Liquid  |
| <b>Size</b>                | 100 µl  |
| <b>Buffer</b>              | Constituents: 50% Glycerol, Whole serum   |
| <b>Preservative</b>        | 0.025% Sodium Azide   |
| <b>Storage</b>             | Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.   |

# GENE INFORMATION

|                 |   |
|-----------------|---|
| Gene Name       | <a href="#">DLG2 discs, large homolog 3 (Drosophila) [ Mus musculus ]</a>   |
| Official Symbol | DLG2  |
| Synonyms        | DLG2; discs, large homolog 2 (Drosophila); Dlgh2; PSD93; Gm1197; A330103J02Rik; B230218P12Rik; B330007M19Rik; disks large homolog 2; chapsyn-110; postsynaptic density protein PSD-93; channel-associated protein of synapse-110; |
| Entrez Gene ID  | <a href="#">23859</a>   |
| Protein Refseq  | <a href="#">NP_001229975.1</a>  |
| UniProt ID      | <a href="#">D3YWU0</a>  |
| Pathway         | Hippo signaling pathway; Wnt Signaling Pathway NetPath;   |
| Function        | PDZ domain binding; protein C-terminus binding; protein binding; protein heterodimerization activity  |