

## DLG4

**Reactivity:**Human Mouse Rat

**Tested applications:**WB IHC ICC IP FC

**Recommended Dilution:**WB 1:500 - 1:2000 IHC 1:50 - 1:200 ICC 1:50 - 1:200 IP 1:20 - 1:50  
FC 1:20 - 1:50

**Calculated MW:**90 kDa

**Observed MW:**Refer to figures

**Immunogen:**

Recombinant protein of human DLG4

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

PSD95; SAP90; SAP-90;

**Catalog #:**A10841

**Antibody Type:**

Monoclonal Antibody

**Species:**Rabbit

**Gene ID:**1742

**Isotype:**IgG

**Swiss Prot:**P78352

**Purity:**Affinity purification

For research use only.

**Background:**

This gene encodes a member of the membrane-associated guanylate kinase (MAGUK) family. It heteromultimerizes with another MAGUK protein, DLG2, and is recruited into NMDA receptor and potassium channel clusters. These two MAGUK proteins may interact at postsynaptic sites to form a multimeric scaffold for the clustering of receptors, ion channels, and associated signaling proteins. Multiple transcript variants encoding different isoforms have been found for this gene.

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