

## DLG4

**Reactivity:** Human Mouse

**Tested applications:** WB IHC

**Recommended Dilution:** WB 1:500 - 1:2000 IHC 1:50 - 1:200

**Calculated MW:** 80kDa

**Observed MW:** Refer to figures

**Immunogen:**

A synthetic peptide of human DLG4

**Storage Buffer:**

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

**Concentration:**

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**Synonym:**

PSD95; SAP90; SAP-90;

**Catalog #:** A7889

**Antibody Type:**

Polyclonal 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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