

Product datasheet for **TA305790**

PSD95 (DLG4) Goat Polyclonal Antibody

Product data:

| | |
|-----------------------|---|
| Product Type: | Primary Antibodies |
| Applications: | WB |
| Recommended Dilution: | WB: 0.3-1ug/mL |
| Reactivity: | Rat (Expected from sequence similarity: Human, Mouse, Dog, Cow) |
| Host: | Goat |
| Isotype: | IgG |
| Clonality: | Polyclonal |
| Immunogen: | Peptide with sequence C-EEQARKAFDRATK, from the internal region (near C-Terminus) of the protein sequence according to NP_001356.1; NP_001122299.1. |
| Formulation: | 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin |
| Concentration: | lot specific |
| Purification: | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20C. Minimize freezing and thawing. |
| Conjugation: | Unconjugated |
| Storage: | Store at -20°C as received. |
| Stability: | Stable for 12 months from date of receipt. |
| Gene Name: | discs large MAGUK scaffold protein 4 |
| Database Link: | NP_001122299 Entrez Gene 13385 MouseEntrez Gene 29495 RatEntrez Gene 489462 DogEntrez Gene 1742 Human P78352 |



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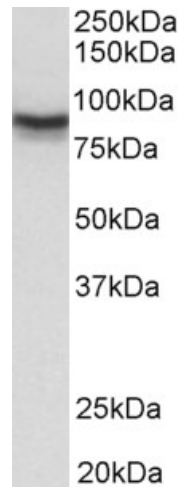
Background: This gene encodes a member of the membrane-associated guanylate kinase (MAGUK) family. It heteromultimerizes with another MAGUK protein, DLG2, and is recruited into NMDA receptor and potassium channel clusters. These two MAGUK proteins may interact at postsynaptic sites to form a multimeric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

Synonyms: PSD95; SAP-90; SAP90

Protein Families: Druggable Genome

Protein Pathways: Huntington's disease

Product images:



Anti-DLG4 antibody (0.3ug/ml) staining of Mouse Brain lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.