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**Research Use Only. Not for
diagnostic or therapeutic use.**

EB09300 - Goat Anti-DLG4 / PSD95 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: DLG4, discs, large homolog 4 (Drosophila), FLJ97752, FLJ98574, PSD95, SAP90, Tax interaction protein 15, discs large homolog 4, post-synaptic density protein 95, synapse-associated protein 90

Official Symbol: DLG4

Accession Number(s): NP_001356.1; NP_001122299.1

Human GeneID(s): [1742](#)

Non-Human GeneID(s): 13385 (mouse), 29495 (rat)

Important Comments: This antibody is expected to recognize both reported isoforms (NP_001356.1; NP_001122299.1)

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.

Please note the [peptide](#) is available for sale.

Purification and Storage

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 -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:16000.

Western blot: Approx 110kDa band observed in Rat Brain lysates (calculated MW of 80.5kDa according to Rat NP_062567.1). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Chaudhury et al, , Am J Physiol Gastrointest Liver Physiol. 2009 Aug 13. PMID: 19679819).. Recommended concentration: 0.1-0.3µg/ml. Primary incubation was 1 hour.

Species Reactivity

Tested: Rat

Expected from sequence similarity: Human, Mouse, Rat, Dog, Cow



EB09300 (0.3 μ g/ml) staining of Rat Brain lysate (35 μ g protein in RIPA buffer). Detected by chemiluminescence.