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

EB08328 - Goat Anti-GRIN2D Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: GRIN2D, glutamate receptor, ionotropic, N-methyl D-aspartate 2D, EB11, NMDAR2D, N-methyl-D-aspartate receptor subunit 2D, estrogen receptor binding CpG island

Official Symbol: GRIN2D

Accession Number(s): NP_000827.2

Human GeneID(s): [2906](#)

Non-Human GeneID(s): 14814 (mouse), 24412 (rat)

Immunogen

Peptide with sequence C-TRRGS AHFSSLESE, from the C Terminus of the protein sequence according to NP_000827.2.

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 1:32000.

Western blot: Preliminary experiments gave an approx 80kDa band in Human Brain (Cerebellum) and in Mouse Brain and Rat Brain lysates after 0.02µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 144kDa according to NP_000827.2. The 80kDa band was successfully blocked by incubation with the immunizing peptide.

Species Reactivity

Tested:

Expected from sequence similarity: Human, Mouse, Rat