

## UK Office

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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