

## UK Office

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

## EB07294 - Goat Anti-NMDAR2B / GRIN2B Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** GRIN2B, NMDAR2B, glutamate receptor, ionotropic, N-methyl D-aspartate 2B, HGNC:4586, NR2B, hNR3, N-methyl-D-aspartate receptor subunit 2B

**Official Symbol:** GRIN2B

**Accession Number(s):** NP\_000825.1

**Human GeneID(s):** [2904](#)

**Non-Human GeneID(s):** 14812 (mouse), 24410 (rat)

### Immunogen

Peptide with sequence C-KDAHEKDDFHLS, from the internal region of the protein sequence according to NP\_000825.1.

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 170kDa band observed in Rat Brain lysates (calculated MW of 166kDa according to NP\_000825.1). Recommended concentration: 2-4µg/ml.

### Species Reactivity

**Tested:** Rat

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

EB07294 (2µg/ml) staining of Rat Brain lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour.  
Detected by chemiluminescence.