

## UK Office

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

## EB09096 - Goat Anti-GABRB2 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** GABRB2, gamma-aminobutyric acid (GABA) A receptor, beta 2, MGC119386, MGC119388, MGC119389, OTTHUMP00000160872

**Official Symbol:** GABRB2

**Accession Number(s):** NP\_068711.1; NP\_000804.1

**Human GeneID(s):** [2561](#)

**Non-Human GeneID(s):** 14401 (mouse), 25451 (rat)

**Important Comments:** This antibody is expected to recognize both reported isoforms (NP\_068711.1; NP\_000804.1).

### Immunogen

Peptide with sequence C-HSFGRNALERHVAQ, from the internal region of the protein sequence according to NP\_068711.1; NP\_000804.1.

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 1:4000.

**Western blot:** Preliminary experiments gave an approx 80kDa band in Mouse Brain lysates after 0.2 µg/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 59.2kDa according to Human NP\_068711.1 and 54.6kDa according to Mouse NP\_032096.1. The 80kDa band was successfully blocked by incubation with the immunizing peptide. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?

### Species Reactivity

**Tested:**

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