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

## EB09986 - Goat Anti-GABRG2 (aa400-410) Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** CAE2, ECA2, gamma-aminobutyric acid (GABA) A receptor, gamma 2, gamma-aminobutyric acid A receptor, gamma 2, GEFSP3, GABRG2

**Official Symbol:** GABRG2

**Accession Number(s):** NP\_944494.1; NP\_000807.2; NP\_944493.2

**Human GeneID(s):** [2566](#)

**Non-Human GeneID(s):** 14406 (mouse), 29709 (rat)

**Important Comments:** This antibody is expected to recognize all reported isoforms: NP\_944494.1; NP\_000807.2; NP\_944493.2. Note the aa numbers used in the name are from NP\_944494.1.

### Immunogen

Peptide with sequence C-NNATHLQERDE, from the internal region of the protein sequence according to NP\_944494.1; NP\_000807.2; NP\_944493.2.

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 1:16000.

**Western blot:** Approx 50kDa band observed in Mouse and Rat Brain lysates (calculated MW of 55.1kDa according to Mouse NP\_032099.1 and 54.1kDa according to Rat NP\_899156.1). Recommended concentration: 1-3µg/ml.

### Species Reactivity

**Tested:** Mouse, Rat

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



EB09986 (2µg/ml) staining of Mouse Brain lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour.  
Detected by chemiluminescence.