

## UK Office

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

## EB10779 - Goat Anti-GABRG2 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

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

**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 three reported isoforms (NP\_944494.1; NP\_000807.2; NP\_944493.2).

### Immunogen

Peptide with sequence KSDDDYEDYASNK-C, from the N Terminus (mature) 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 1:64000.

**Western blot:** Approx 55kDa band observed in Rat Brain lysates (calculated MW of 54.0kDa according to Rat NP\_899156.1). Recommended concentration: 1-3µg/ml.

### Species Reactivity

**Tested:** Rat

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



EB10779 (2 $\mu$ g/ml) staining of Rat Brain lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour.  
Detected by chemiluminescence.