

#### **International Office**

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# 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 GenelD(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

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

EB10779 (2μg/ml) staining of Rat Brain lysate (35μg protein in RIPA buffer). Primary incubation was 1 hour.

Detected by chemiluminescence.