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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 GenelD(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.

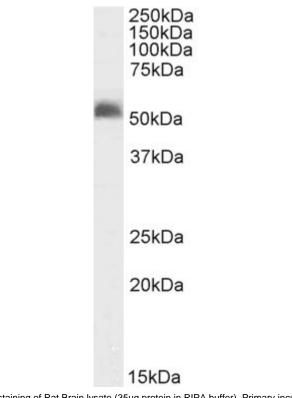
Applications Tested

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



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