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