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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 GenelD(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

250kDa 150kDa 100kDa 75kDa

50kDa

37kDa

25kDa

20kDa

15kDa

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

Detected by chemiluminescence.