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

EB09096 - Goat Anti-GABRB2 Antibody

Size: 100µg specific antibody in 200µl

Target Protein

Principal Names: GABRB2, gamma-aminobutyric acid (GABA) A receptor, beta 2, MGC119386, MGC119388, MGC119389, OTTHUMP00000160872

Official Symbol: GABRB2

Accession Number(s): NP_068711.1; NP_000804.1

Human GeneID(s): [2561](#)

Non-Human GeneID(s): 14401 (mouse), 25451 (rat)

Important Comments: This antibody is expected to recognize both reported isoforms (NP_068711.1; NP_000804.1).

Immunogen

Peptide with sequence C-HSFGRNALERHVAQ, from the internal region of the protein sequence according to NP_068711.1; NP_000804.1.

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 1:4000.

Western blot: Preliminary experiments gave an approx 80kDa band in Mouse Brain lysates after 0.2 µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 59.2kDa according to Human NP_068711.1 and 54.6kDa according to Mouse NP_032096.1. The 80kDa band was successfully blocked by incubation with the immunizing peptide. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?

Species Reactivity

Tested:

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