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

EB09097 - Goat Anti-GABRB3 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: GABRB3, gamma-aminobutyric acid (GABA) A receptor, beta 3, MGC9051, GABA(A) receptor beta-3 subunit, GABA-A receptor beta-3 subunit, GABA-alpha receptor beta-2 subunit, GABAA receptor beta-3 subunit

Official Symbol: GABRB3

Accession Number(s): NP_000805.1; NP_068712.1

Human GeneID(s): [2562](#)

Non-Human GeneID(s): 14402 (mouse), 24922 (rat)

Important Comments: This antibody is expected to recognize both reported isoforms (NP_000805.1, NP_068712.1).

Immunogen

Peptide with sequence C-EKTAKAKNDRSK, from the internal region of the protein sequence according to NP_000805.1; NP_068712.1.

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 1:8000.

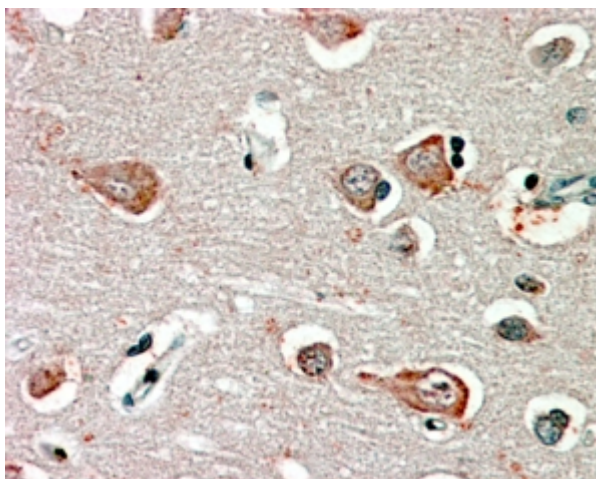
Western blot: Preliminary experiments in Human Brain (Cerebral Cortex, Frontal Cortex and Cerebellum) lysates gave no specific signal but low background (at antibody concentration up to 1µg/ml). We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates?

IHC: In paraffin embedded Human Cortex shows patchy staining near or at the neuronal cell membrane.. Recommended concentration, 2-4µg/ml.

Species Reactivity

Tested: Human

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



EB09097 (2.5µg/ml) staining of paraffin embedded Human Cortex. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.