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

EB10994 - Goat Anti-Gabra6 (mouse) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: Gabra6, gamma-aminobutyric acid (GABA) A receptor, subunit alpha 6, RP23-288I22.1, Gabra-6, alpha6, GABA(A) receptor subunit alpha-6, OTTMUSP00000006689, gamma-aminobutyric acid (GABA-A) receptor, subunit alpha 6, gamma-aminobutyric acid A receptor, subunit

Official Symbol: Gabra6

Accession Number(s): NP_001093111.1; NP_032094.2

Human GeneID(s): [2559](#)

Non-Human GeneID(s): 14399 (mouse), 29708 (rat)

Important Comments: This antibody is expected to recognize both reported isoforms (NP_001093111.1; NP_032094.2).

Immunogen

Peptide with sequence C-PATGGTSKIDQYSR, from the internal region (near C Terminus) of the protein sequence according to NP_001093111.1; NP_032094.2.

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 1:32000.

Western blot: Preliminary experiments gave an approx 75kDa band in Mouse fetal Brain lysates after 1µg/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 49.8kDa according to NP_032094.2. The 75kDa 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