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Research Use Only. Not for diagnostic or therapeutic use.

EB11071 - Goat Anti-GAD25 / GAD67 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: 67 kDa glutamic acid decarboxylase, FLJ45882, GAD, GAD-67, glutamate decarboxylase 1, glutamate decarboxylase 1 (brain, 67kDa), glutamate decarboxylase 67 kDa isoform, OTTHUMP00000204990, OTTHUMP00000204993, OTTHUMP00000204994, OTTHUMP00000204995, SCP, GAD1

Official Symbol: GAD1

Accession Number(s): NP_038473.2; NP_000808.2

Human GeneID(s): 2571

Important Comments: This antibody is expected to recognize both reported isoforms

(NP_038473.2; NP_000808.2).

Immunogen

Peptide with sequence C-QRTNSLEEKSR, from the internal region of the protein sequence according to NP_038473.2; NP_000808.2.

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 1:8000.

Western blot: Approx 70kDa band observed in Mouse Brain lysates (calculated MW of 66.6kDa according to Mouse NP_032103.2). Recommended concentration: 1-3µg/ml.

Species Reactivity

Tested: Mouse

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



EB11071 ($1\mu g/ml$) staining of Mouse Brain lysate ($35\mu g$ protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.