



## International Office

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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

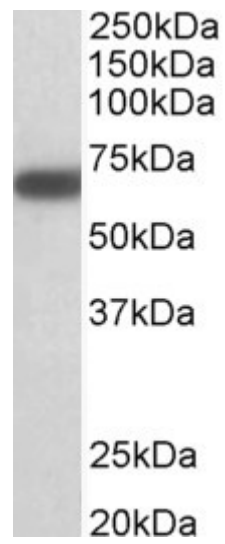
**Peptide ELISA:** antibody detection limit dilution 1:8000.

**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.