

#### **International Office**

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# **EB11273 - Goat Anti-GPR83 (aa59-71) Antibody**

Size: 100µg specific antibody in 200µl



### **Target Protein**

**Principal Names:** G protein-coupled receptor 72, G protein-coupled receptor 83, GIR, glucocorticoid induced receptor, GPR72, G-protein coupled receptor 72, probable

G-protein coupled receptor 83, GPR83

Official Symbol: GPR83

Accession Number(s): NP\_057624.3

Human GeneID(s): 10888

Non-Human GenelD(s): 14608 (mouse), 140595 (rat)

Important Comments: The immunizing peptide represents part of an extracellular

domain.

# **Immunogen**

Peptide with sequence C-RRYGAESQNPTVK, from the internal region of the protein sequence according to NP\_057624.3.

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**

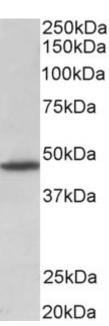
Peptide ELISA: antibody detection limit dilution 1:8000.

**Western blot:** Approx 48kDa band observed in Human, Mouse and Rat Brain lysates (calculated MW of 48.3kDa according to Human NP\_057624.3 and 48.0kDa according to Rat NP\_536336.1). Recommended concentration: 1-3µg/ml.

#### **Species Reactivity**

Tested: Human, Mouse, Rat

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



EB11273 (1μg/ml) staining of Rat Brain lysate (35μg protein in RIPA buffer). Primary incubation was 1 hour.

Detected by chemiluminescence.