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

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 GeneID(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.