

#### **UK Office**

**Everest Biotech Ltd** 

Cherwell Innovation Centre

77 Heyford Park Upper Heyford

Oxfordshire

OX25 5HD

UK

Enquiries:

info@everestbiotech.com

Sales:

sales@everestbiotech.com

Tech support:

support@everestbiotech.com

Tel: +44 (0)1869 238326

www.everestbiotech.com

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# EB11272 - Goat Anti-GPR83 (aa17-30) 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

Important Comments: The immunizing peptide represents part of an extracellular

domain.

# Immunogen

Peptide with sequence TEPHEGRADEQSAE-C, from the N Terminus 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 1:2000.

**Western blot:** Approx 50kDa band observed in Human Brain (Cerebellum, Cerebral Cortex and Amygdala) lysates (calculated MW of 48.3kDa according to NP\_057624.3).

Recommended concentration: 1-3µg/ml.

#### **Species Reactivity**

Tested: Human

Expected from sequence similarity: Human

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa

EB11272 (1μg/ml) staining of Human Cerebellum lysate (35μg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.