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

EB09692 - Goat Anti-GPR17 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: GPR17, G protein-coupled receptor 17, DKFZp686M18273

Official Symbol: GPR17

Accession Number(s): NP_005282.1

Human GeneID(s): [2840](#)

Non-Human GeneID(s): 574402 (mouse), 767613 (rat)

Immunogen

Peptide with sequence C-EGKTNESSLSAKSE, from the C Terminus of the protein sequence according to NP_005282.1.

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 1:1000.

Western blot: Approx 45kDa band observed in Human Brain (Cerebellum), and in Rat Brain lysates (calculated MW of 41.0kDa according to Human NP_005282.1 and 37.9kDa according to Rat NP_001065245.1). Recommended concentration: 0.1-0.3µg/ml.

IHC: Paraffin embedded Human Heart. Recommended concentration: 10µg/ml.

Species Reactivity

Tested: Human, Rat

Expected from sequence similarity: Human, Mouse, Rat, Cow. This batch is not expected to cross-react with Mouse in Western blot.

EB09692 (0.1µg/ml) staining of Human Cerebellum lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

EB09692 (0.3µg/ml) staining of Rat Brain lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence

EB09692 (10µg/ml) staining of paraffin embedded Human Heart. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.