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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 1:4000.

Western blot: Approx 40kDa band observed in Mouse Brain lysates (calculated MW of 37.8kDa according to Mouse NP_001020552.1). Recommended concentration: 2-3µg/ml. Primary incubation 1 hour at room temperature.

Immunofluorescence: Strong expression of the protein seen in the vesicles of HeLa cells and additionally in the plasma membrane of U251 cells. Recommended concentration: 10µg/ml.

Species Reactivity

Tested: Human, Mouse

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

EB09692 (3µg/ml) staining of Mouse Brain lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.

EB09692 Immunofluorescence analysis of paraformaldehyde fixed HeLa cells, permeabilized with 0.15% Triton.

Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing vesicle staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).

EB09692 Immunofluorescence analysis of paraformaldehyde fixed U251 cells, permeabilized with 0.15% Triton.

Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing membrane and vesicle staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).