

#### **International Office**

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# 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 GenelD(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:  $2-3\mu g/ml$ . 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

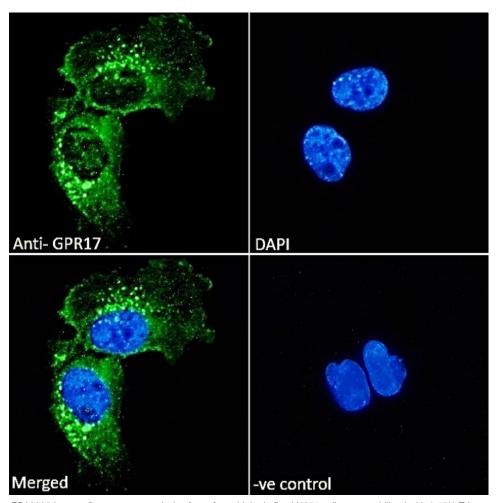
Expected from sequence similarity: Human, Mouse, Rat, Cow

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

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).