



## International Office

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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.

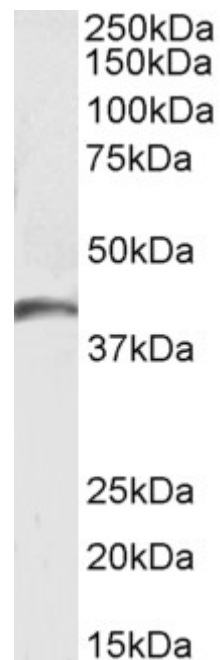
**Western blot:** Approx 40kDa band observed in Mouse Brain lysates (calculated MW of 37.8kDa according to Mouse NP\_001020552.1 ). Recommended concentration: 2-3µg/ml. Primary incubation 1 hour at room temperature.

**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

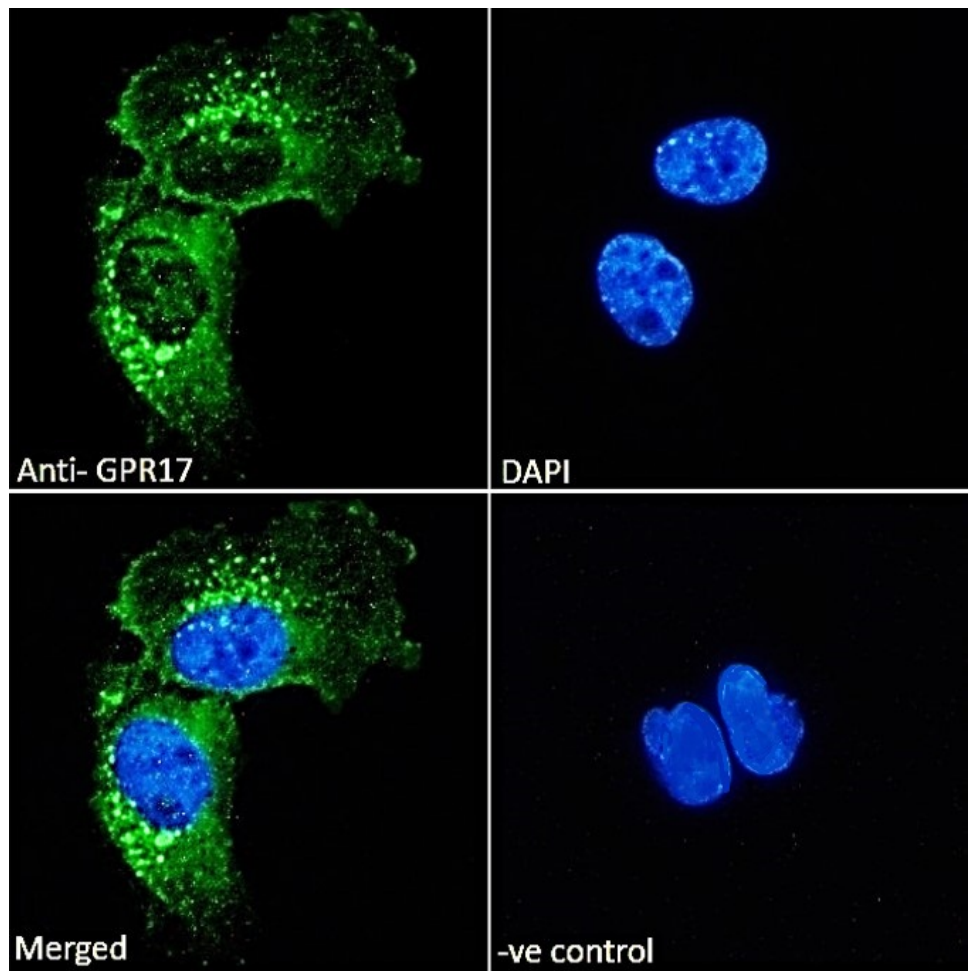
**Expected from sequence similarity:** Human, Mouse, Rat, Cow



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



EB09692 Immunofluorescence analysis of paraformaldehyde fixed HeLa cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10 $\mu$ g/ml) followed by Alexa Fluor 488 secondary antibody (2 $\mu$ g/ml), showing vesicle staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10 $\mu$ g/ml) followed by Alexa Fluor 488 secondary antibody (2 $\mu$ g/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).