



## UK Office

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

## EB06249 - Goat Anti-PDLIM4 / RIL Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** PDLIM4, RIL, LIM domain protein, PDZ and LIM domain 4, enigma homolog

**Official Symbol:** PDLIM4

**Accession Number(s):** NP\_003678.2

**Human GeneID(s):** [8572](#)

**Non-Human GeneID(s):** 30794 (mouse), 24915 (rat)

### Immunogen

Peptide with sequence C-DVVAVYPNAKVELV, from the C Terminus of the protein sequence according to NP\_003678.2.

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 1:64000.

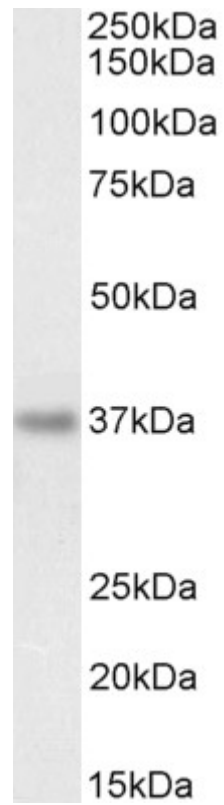
**Western blot:** Approx 37kDa band observed in lysates of cell line A431 (calculated MW of 35.4kDa according to NP\_003678.2). Recommended concentration: 1-3µg/ml. Primary incubation 1 hour at room temperature.

**Immunofluorescence:** Strong expression of the protein seen in the cytoplasm of A431 and U2OS cells. Recommended concentration: 10µg/ml.

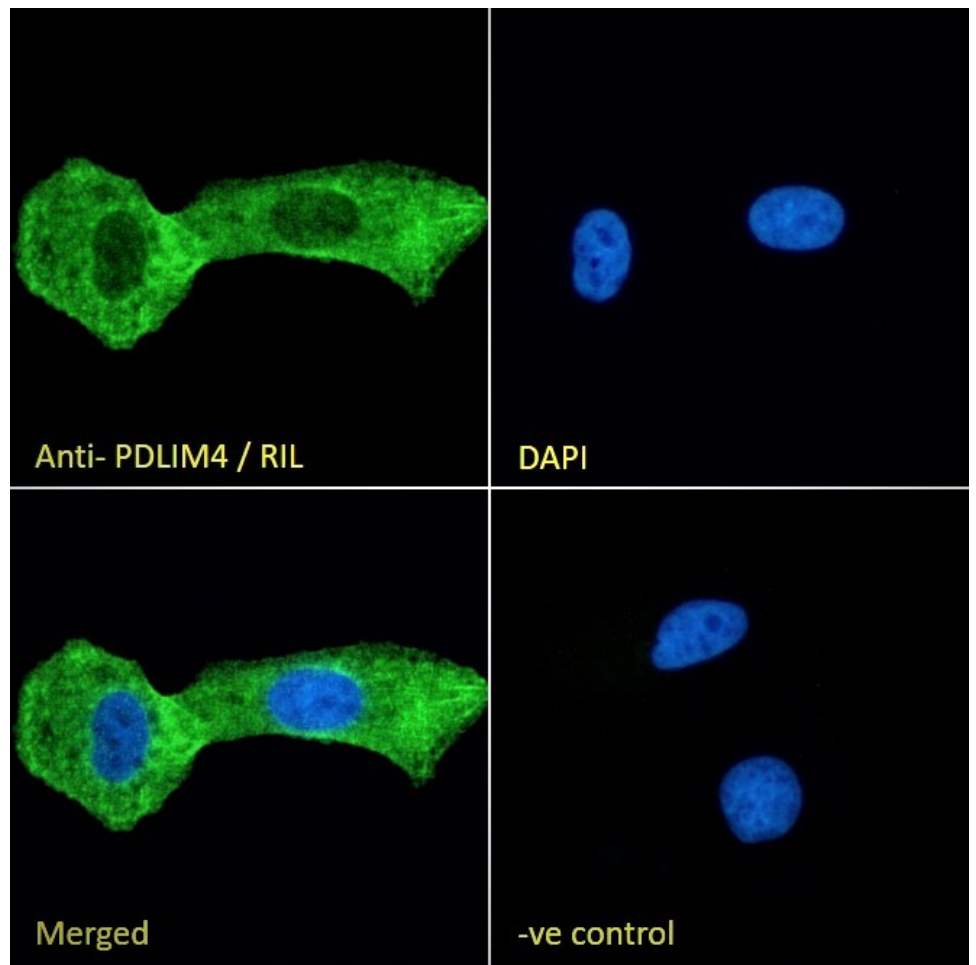
### Species Reactivity

**Tested:** Human

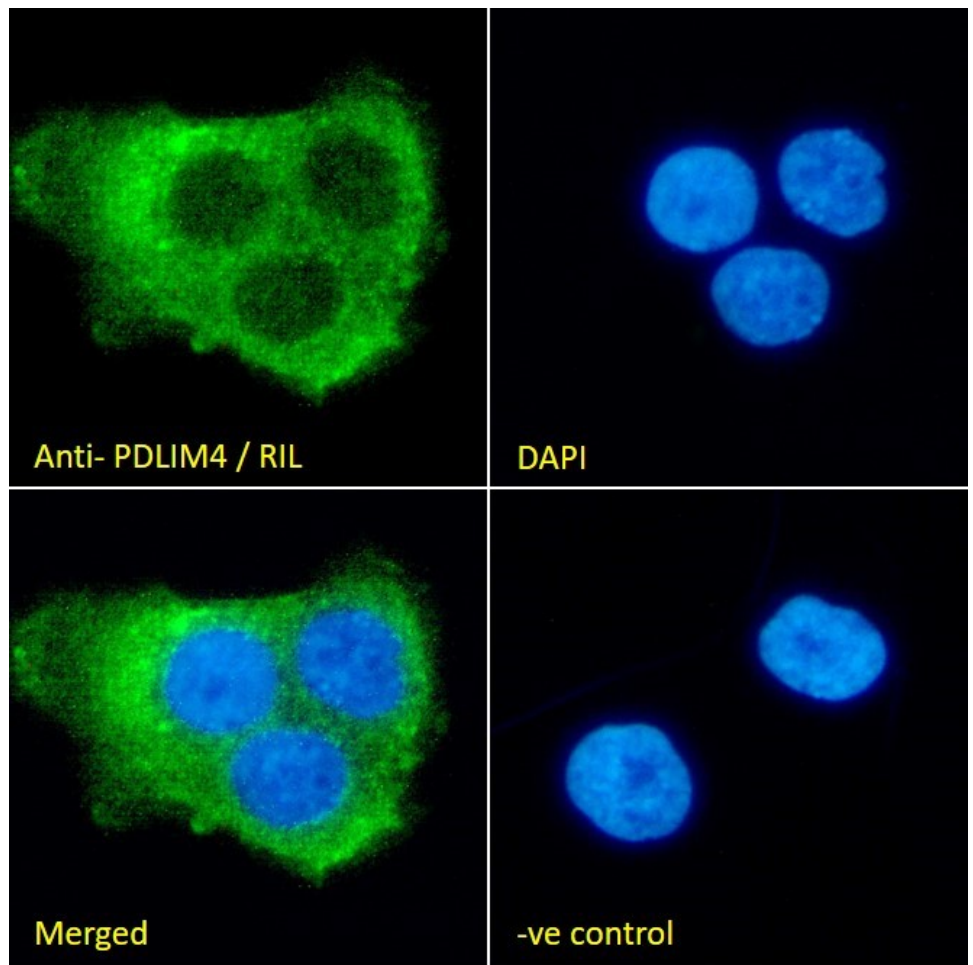
**Expected from sequence similarity:** Human, Mouse, Rat, Cow



EB06249 (1 $\mu$ g/ml) staining of A431 cell lysate (35 $\mu$ g protein in RIPA buffer). Detected by chemiluminescence



EB06249 Immunofluorescence analysis of paraformaldehyde fixed U2OS cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



EB06249 Immunofluorescence analysis of paraformaldehyde fixed A431 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).