

## UK Office

### Everest Biotech Ltd

Cherwell Innovation Centre  
77 Heyford Park  
Upper Heyford  
Oxfordshire  
OX25 5HD  
UK

Enquiries:

[info@everestbiotech.com](mailto:info@everestbiotech.com)

Sales:

[sales@everestbiotech.com](mailto:sales@everestbiotech.com)

Tech support:

[support@everestbiotech.com](mailto:support@everestbiotech.com)

Tel: +44 (0)1869 238326

[www.everestbiotech.com](http://www.everestbiotech.com)

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

## EB06236 - Goat Anti-PAPIN / PDZK3 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** PDZD2, PDZK3, PAPIN, KIAA0300, PDZ domain containing 3, PDZ domain containing 2, likely ortholog of rat plakophilin-related armadillo repeat protein-interacting PDZ protein, PDZ domain containing 2, AIPC, PIN1, activated in prostate cancer protein, plakophilin-related armadillo repeat protein-interacting PDZ protein-like

**Official Symbol:** PDZD2

**Accession Number(s):** NP\_835260.2

**Human GeneID(s):** [23037](#)

### Immunogen

Peptide with sequence PITQDNAVLHLPLC, from the N Terminus of the protein sequence according to NP\_835260.2.

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 1:32000.

**IHC:** Paraffin embedded Human Tonsil. Recommended concentration: 6µg/ml.

**Immunofluorescence:** Expression of the protein seen in the plasma membrane and cytoplasm of U2OS cells. Recommended concentration: 10µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human

EB06236 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 plasma membrane and cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).

EB06236 (6µg/ml) staining of paraffin embedded Human Tonsil. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.

EB06236 Negative Control showing staining of paraffin embedded Human Tonsil, with no primary antibody.