

## 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.**

## EB07114 - Goat Anti-GEF5 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** GEF5, DKFZp686N1969, ARHGEF5, Rho guanine nucleotide exchange factor (GEF) 5, P60, TIM, TIM1, guanine nucleotide regulatory protein TIM, oncogene TIM rho guanine nucleotide exchange factor 5, transforming immortalized mammary oncogene

**Official Symbol:** ARHGEF5

**Accession Number(s):** NP\_005426.2

**Human GeneID(s):** [7984](#)

### Immunogen

Peptide with sequence C-DKEIDQNSQQEE, from the internal region of the protein sequence according to NP\_005426.2.

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 1:16000.

**Western blot:** Approx 170kDa band observed in Human HeLa lysates (calculated MW of 177kDa according to NP\_005426.2). Recommended concentration: 0.1-0.3µg/ml.

**IHC:** Paraffin embedded Human Placenta. Recommended concentration: 3.75µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human

EB07114 (0.1µg/ml) staining of HeLa Lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour.  
Detected by chemiluminescence.

EB07114 (3.75µg/ml) staining of paraffin embedded Human Placenta. Steamed antigen retrieval with citrate  
buffer pH 6, AP-staining.