

International Office

Everest Biotech Ltd

Vector Laboratories, Inc. 6737 Mowry Ave Newark, CA 94560 United States

Customer Service:

customerservice@vectorlabs.com

Technical Service:

technical@vectorlabs.com

Tel: +1 (800) 227-6666

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 GenelD(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.

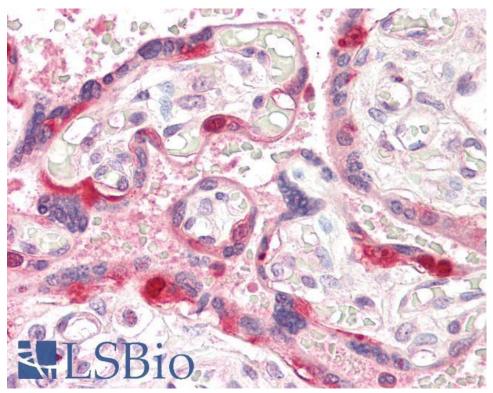
Species Reactivity

Tested: Human

Expected from sequence similarity: Human

250kDa 150kDa 150kDa 75kDa 50kDa 37kDa 25kDa 20kDa 15kDa

EB07114 (0.1 μ g/ml) staining of HeLa Lysate (35 μ g 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.