

Goat anti-GEF5 Antibody

Item Number	dAP-0780
Target Molecule	Principle Name: GEF5; Official Symbol: ARHGEF5; All Names and Symbols: 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; Accession Number (s): NP_005426.2; Human Gene ID(s): 7984; Non-Human GeneID(s):
Immunogen	DKEIDQNSQQEE, is from internal region
Applications	Pep ELISA, WB, IHC Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 16000.
Western Blot	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	Immunohistochemistry: Paraffin embedded Human Placenta. Recommended concentration: 3.75µg/ml.
Reference	Reference(s): Debily MA, Camarca A, Ciullo M, Mayer C, El Marhomy S, Ba I, Jalil A, Anzisi A, Guardiola J, Piatier-Tonneau D. Expression and molecular characterization of alternative transcripts of the ARHGEF5/TIM oncogene specific for human breast cancer. Hum Mol Genet. 2004 Feb 1;13(3):323-34. Epub 2003

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**