

UK Office

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

Enquiries: info@everestbiotech.com Sales: sales@everestbiotech.com Tech support:

support@everestbiotech.com

Tel: +44 (0)1869 238326 Fax: +44 (0)1869 238327

US Office

Everest Biotech c/o Abcore

405 Maple Street, Suite A106 Ramona, CA 92065 USA

Inquiries: info@everestbiotech.com Sales: usasales@everestbiotech.com Tech support: support@everestbiotech.com

Tel: 888-320-4628 (toll-free) Fax: 888-841-9041

www.everestbiotech.com

Research Use Only. Not for diagnostic or therapeutic use.

EB05315-B - Goat Anti-RACGAP1 / MgcRacGAP, Biotinylated Antibody

Size: 100µg specific antibody in 200µl

Target Protein

Principal Names: RACGAP1, Rac GTPase activating protein 1, CYK4, HsCYK-4, ID-GAP, MgcRacGAP, male germ cell RacGap, protein CYK4 homolog **Official Symbol:** RACGAP1

Accession Number(s): NP_037409.2; NP_001306934.1; NP_001306935.1; NP_001306936.1

Human GeneID(s): 29127

Important Comments: This antibody is expected to recognize all reported isoforms (NP_037409.2; NP_001306934.1; NP_001306935.1; NP_001306936.1). Reported variants represent identical protein: NP_001306928.1, NP_001119576.1, NP_037409.2, NP_001306931.1, NP_001306929.1, NP_001119575.1, NP_001306932.1, NP_001306933.1

Immunogen

Peptide with sequence CGRQGNFFASPMLK., from the C Terminus of the protein sequence according to NP_037409.2; NP_001306934.1; NP_001306935.1; NP_001306936.1.

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.

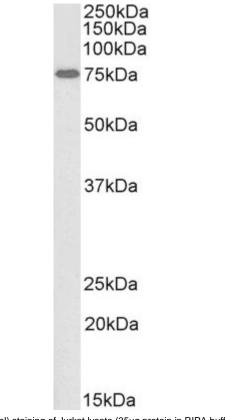
Applications Tested

Peptide ELISA: antibody detection limit dilution 1:8000.

Western blot: Approx 75kDa band observed in lysates of cell line Jurkat (calculated MW of 71.0kDa according to NP_037409.2). See non-biotinylated parental product's datasheet for further QC data. Recommended concentration: 1-3µg/ml.

Species Reactivity

Tested: Human Expected from sequence similarity: Human, Dog, Cow



Biotinylated EB05315 (1µg/ml) staining of Jurkat lysate (35µg protein in RIPA buffer), exactly mirroring its parental non-biotinylated product. Primary incubation was 1 hour. Detected by chemiluminescence, using streptavidin-HRP and using NAP blocker as a substitute for skimmed milk.