

Goat anti-RACGAP1 / MgcRacGAP Antibody

Item Number	dAP-0068
Target Molecule	Principle Name: RACGAP1 / MgcRacGAP; Official Symbol: RACGAP1; All Names and Symbols: RACGAP1; MgcRacGAP; Rac GTPase activating protein 1; ID-GAP; MGCRCACGAP; GTPase activating protein; HsCYK-4; HsCYK-4; Accession Number (s): NP_037409.2; NP_001306934.1; NP_001306935.1; NP_001306936.1; Human Gene ID(s): 29127; Non-Human GenelD(s):
Immunogen	O ₆ is from C Terminus 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,
Applications	Pep ELISA, WB, IHC, IF, FC 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 32000.
Western Blot	Western Blot: Approx 75kDa band observed in lysates of cell line Jurkat, and in nuclear lysates of cell lines A431 and Jurkat (calculated MW of 71.0kDa according to NP_037409.2). Recommended concentration: 0.3-1µg/ml. Primary incubation 1 hour at room te
IHC	Immunohistochemistry: In paraffin embedded Human Testis, shows nuclear staining of many cells. Recommended concentration: 1µg/ml.
Reference	Reference(s): Reibel L, Dorseuil O, Stancou R, Bertoglio J, Gacon G. A hemopoietic specific gene encoding a small GTP binding protein is overexpressed during T cell activation. Biochem Biophys Res Commun. 1991 Mar 15;175(2):451-8..PMID: 1902092->

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**