

## Goat anti-RACGAP1 / MgcRacGAP Antibody

<b>Item Number</b>	dAP-0068
<b>Target Molecule</b>	Principle Name: RACGAP1 / MgcRacGAP; Official Symbol: RACGAP1; All Names and Symbols: RACGAP1; MgcRacGAP; Rac GTPase activating protein 1; ID-GAP; MGCRACGAP; 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):
<b>Immunogen</b>	O, 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,
<b>Applications</b>	Pep ELISA, WB, IHC, IF, FC  Species Tested: Human
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 32000.
<b>Western Blot</b>	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
<b>IHC</b>	Immunohistochemistry: In paraffin embedded Human Testis, shows nuclear staining of many cells. Recommended concentration: 1µg/ml.
<b>Reference</b>	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. <i>Biochem Biophys Res Commun</i> . 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**