

Datasheet for ABIN7167020  
**anti-RACGAP1 antibody (AA 86-331)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	100 µg
Target:	RACGAP1
Binding Specificity:	AA 86-331
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RACGAP1 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF)

## Product Details

Immunogen:	Recombinant Human Rac GTPase-activating protein 1 protein (86-331AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

## Target Details

Target:	RACGAP1
Alternative Name:	RACGAP1 ( <a href="#">RACGAP1 Products</a> )
Background:	Background: Component of the centralspindlin complex that serves as a microtubule-dependent and Rho-mediated signaling required for the myosin contractile ring formation

## Target Details

during the cell cycle cytokinesis. Required for proper attachment of the midbody to the cell membrane during cytokinesis. Plays key roles in controlling cell growth and differentiation of hematopoietic cells through mechanisms other than regulating Rac GTPase activity. Also involved in the regulation of growth-related processes in adipocytes and myoblasts. May be involved in regulating spermatogenesis and in the RACGAP1 pathway in neuronal proliferation. Shows strong GAP (GTPase activation) activity towards CDC42 and RAC1 and less towards RHOA. Essential for the early stages of embryogenesis. May play a role in regulating cortical activity through RHOA during cytokinesis. May participate in the regulation of sulfate transport in male germ cells.

Aliases: CYK4 antibody, GAP antibody, Gap1 antibody, GTPase activating protein antibody, HsCYK-4 antibody, ID GAP antibody, KIAA1478 antibody, Male germ cell RacGap antibody, MgcRacGAP antibody, Protein CYK4 homolg antibody, Protein CYK4 homolog antibody, Rac GTPase activating protein 1 antibody, Rac GTPase-activating protein 1 antibody, RACGAP 1 antibody, Racgap1 antibody, RGAP1\_HUMAN antibody

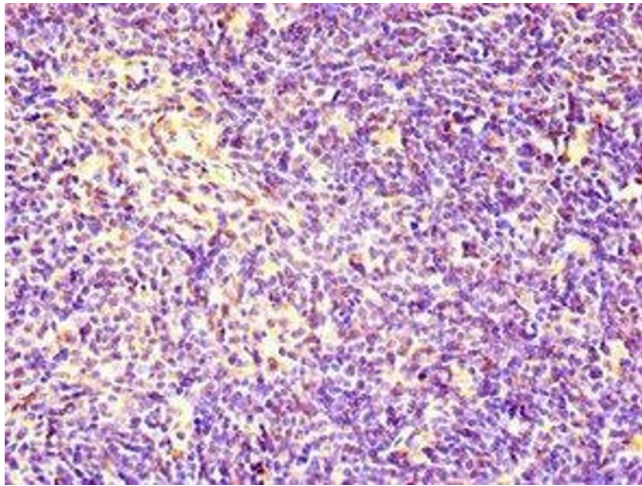
UniProt:	<a href="#">Q9H0H5</a>
Pathways:	<a href="#">Regulation of Actin Filament Polymerization</a> , <a href="#">Myometrial Relaxation and Contraction</a> , <a href="#">Regulation of G-Protein Coupled Receptor Protein Signaling</a> , <a href="#">Signaling of Hepatocyte Growth Factor Receptor</a>

## Application Details

Application Notes:	Recommended dilution: IHC:1:20-1:200, IF:1:50-1:200,
Restrictions:	For Research Use only

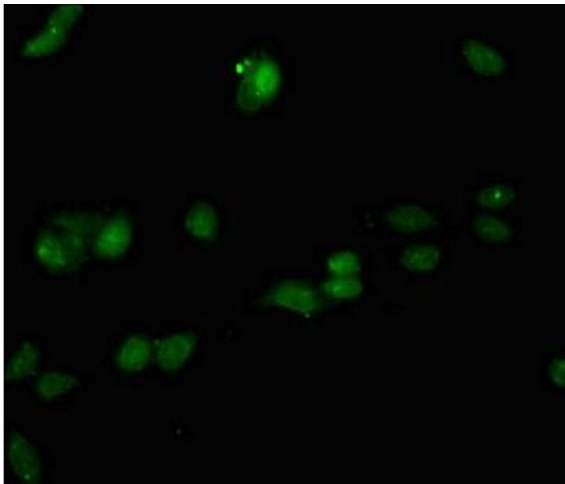
## Handling

Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



#### Immunohistochemistry

**Image 1.** Immunohistochemistry of paraffin-embedded human thymus tissue using ABIN7167020 at dilution of 1:100



#### Immunofluorescence

**Image 2.** Immunofluorescent analysis of HepG2 cells using ABIN7167020 at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)