

RACGAP1 antibody

Product Information

Catalog No.:	FNab07070
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

Background

Component of the centralspindlin complex that serves as a microtubule-dependent and Rho-mediated signaling required for the myosin contractile ring formation 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.

Immunogen information

Immunogen:	Rac GTPase activating protein 1
Synonyms:	Rac GTPase-activating protein 1 Male germ cell RacGap (MgcRacGAP) Protein CYK4 homolog (CYK4, HsCYK-4) RACGAP1 KIAA1478 MGCRACGAP
Observed MW:	71 kDa
Uniprot ID :	Q9H0H5

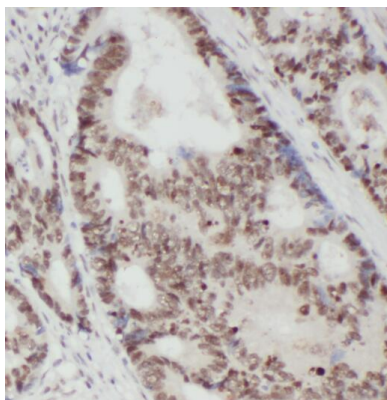
Application

Reactivity: Human, Mouse

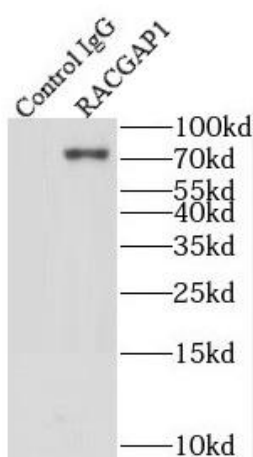
Tested Application: ELISA, IHC, IF, WB, IP

Recommended dilution: WB: 1:500-1:2000; IP: 1:200-1:1000; IHC: 1:20-1:200; IF: 1:20-1:200

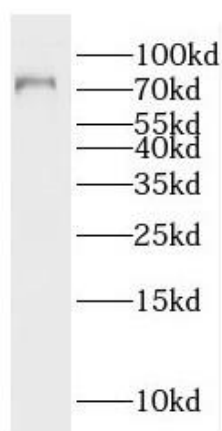
Image:



Immunohistochemistry of paraffin-embedded human colon cancer tissue slide using FNab07070(RACGAP1 Antibody) at dilution of 1:200 heat mediated antigen retrieved with Tris-EDTA buffer(pH9).



IP Result of anti-RACGAP1 (IP:FNab07070, 4ug; Detection:FNab07070 1:500) with mouse testis tissue lysate 4000ug.



K-562 cells were subjected to SDS PAGE followed by western blot with FNab07070(RACGAP1 Antibody) at dilution of 1:600