

RACGAP1 antibody

Catalog No: #22905



Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

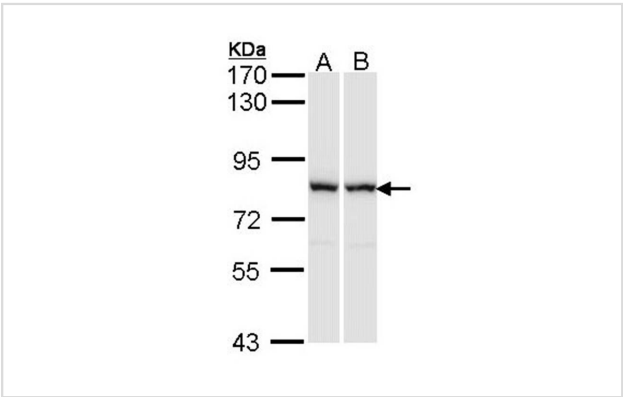
Description

Product Name	RACGAP1 antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Purified by antigen-affinity chromatography.
Applications	WB IHC IF
Species Reactivity	Hu
Immunogen Type	Recombinant protein
Immunogen Description	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 1 and 172 of RACGAP1
Target Name	RACGAP1
Accession No.	Swiss-Prot:Q9H0H5Gene ID:29127
Uniprot	Q9H0H5
GeneID	29127;
Concentration	1mg/ml
Formulation	Supplied in 0.1M Tris-buffered saline with 10% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

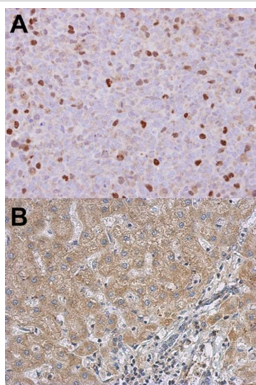
Application Details

Predicted MW: 71kd
Western blotting: 1:500-1:3000
Immunohistochemistry: 1:100-1:500
Immunofluorescence: 1:100-1:200

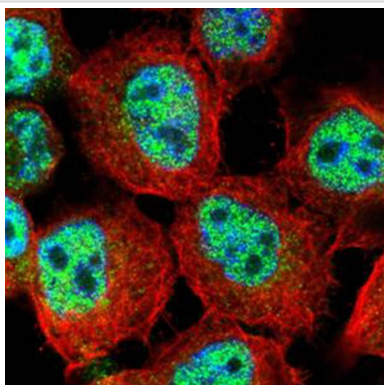
Images



Sample (30 ug of whole cell lysate)
A: A431
B: Raji
7.5% SDS PAGE
Primary antibody diluted at 1: 1000



A:Immunohistochemical analysis of paraffin-embedded H1299 xenograft, using RACGAP1 antibody at 1: 500 dilution.
B:Immunohistochemical analysis of paraffin-embedded Hepatoma, using RACGAP1 antibody at 1: 500 dilution.



Confocal immunofluorescence analysis (Olympus FV10i) of paraformaldehyde-fixed A431, using RACGAP1 antibody (Green) at 1: 500 dilution and alpha-tubulin antibody (Red) at 1: 2000.

Background

Rho GTPases control a variety of cellular processes. There are 3 subtypes of Rho GTPases in the Ras superfamily of small G proteins: RHO (see MIM 165370), RAC (see RAC1; MIM 602048), and CDC42 (MIM 116952). GTPase-activating proteins (GAPs) bind activated forms of Rho GTPases and stimulate GTP hydrolysis. Through this catalytic function, Rho GAPs negatively regulate Rho-mediated signals. GAPs may also serve as effector molecules and play a role in signaling downstream of Rho and other Ras-like GTPases.[supplied by OMIM]

Note: This product is for in vitro research use only