

Datasheet for ABIN954428
anti-RACGAP1 antibody (N-Term)[Go to Product page](#)

4 Images

Overview

Quantity:	0.4 mL
Target:	RACGAP1
Binding Specificity:	AA 30-58, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RACGAP1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 30-58 amino acids from the N-terminal region of Human RACGAP1 Genename: RACGAP1
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human RACGAP1 (N-term).
Purification:	Affinity Chromatography on Protein A

Target Details

Target:	RACGAP1
Alternative Name:	RACGAP1 (RACGAP1 Products)

Target Details

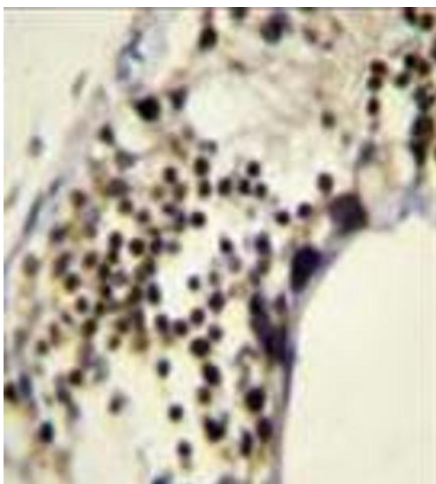
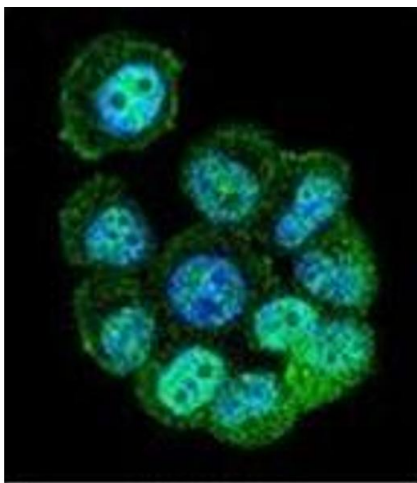
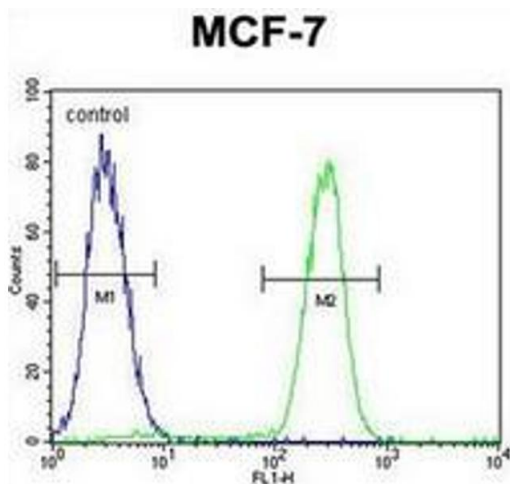
Background:	Rho GTPases control a variety of cellular processes. There are 3 subtypes of Rho GTPases in the Ras superfamily of small G proteins: RHO (see MIM 165370), RAC (see RAC1, MIM 602048), and CDC42 (MIM 116952). GTPase-activating proteins (GAPs) bind activated forms of Rho GTPases and stimulate 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.Synonyms: KIAA1478, MGCRCAGAP, Male germ cell RacGap, Rac GTPase-activating protein 1
Molecular Weight:	71027 Da
Gene ID:	29127
NCBI Accession:	NP_001119575
Pathways:	Regulation of Actin Filament Polymerization , Myometrial Relaxation and Contraction , Regulation of G-Protein Coupled Receptor Protein Signaling , Signaling of Hepatocyte Growth Factor Receptor

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS, 0.09 % Sodium Azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Flow Cytometry

Image 1. Flow Cytometric analysis of MCF-7 cells using RACGAP1 Antibody (N-term) Cat.-No AP53556PU-N (right histogram) compared to a Negative Control cell (left histogram). FITC-conjugated Goat-anti-Rabbit secondary antibodies were used for the analysis.

Immunofluorescence

Image 2. Confocal immunofluorescent analysis of RACGAP1 Antibody (N-term) Cat.-No AP53556PU-N with MCF-7 cell followed by Alexa Fluor 488-conjugated Goat anti-Rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).

Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Formalin fixed, paraffin embedded human testis tissue stained with RACGAP1 Antibody (N-term) followed by peroxidase conjugation of the secondary antibody and DAB staining.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN954428.