

Datasheet for ABIN655408
anti-RACGAP1 antibody (N-Term)

4 Images

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Overview

Quantity:	400 µL
Target:	RACGAP1
Binding Specificity:	AA 23-50, 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)

Product Details

Immunogen:	This RACGAP1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 23-50 amino acids from the N-terminal region of human RACGAP1.
Clone:	RB19807
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	RACGAP1
Alternative Name:	RACGAP1 (RACGAP1 Products)

Target Details

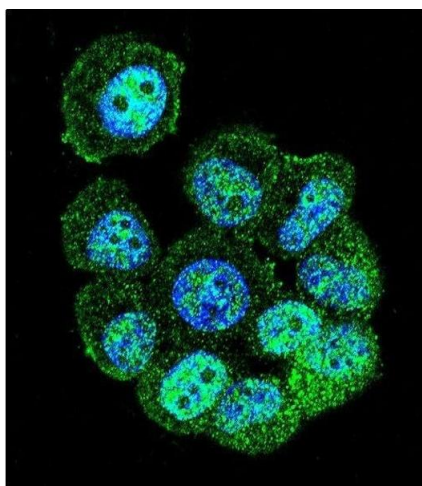
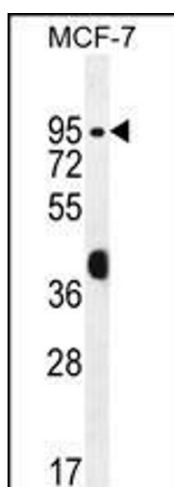
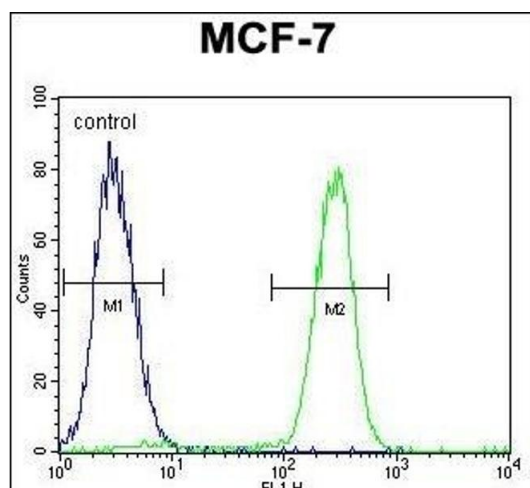
Background:	Rho GTPases control a variety of cellular processes. There are 3 subtypes of Rho GTPases in the Ras superfamily of small G proteins: RHO (see MIM 165370), RAC (see RAC1, MIM 602048), and CDC42 (MIM 116952). GTPase-activating proteins (GAPs) bind activated forms of Rho GTPases and stimulate 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.
Molecular Weight:	71027
Gene ID:	29127
NCBI Accession:	NP_001119575 , NP_001119576 , NP_037409
UniProt:	Q9H0H5
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:	IF: 1:10~50. WB: 1:1000. IHC-P: 1:50~100. FC: 1:10~50
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) 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.
Storage:	4 °C, -20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



Flow Cytometry

Image 1. RACG Antibody (N-term) 1461a flow cytometric analysis of MCF-7 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat anti-rabbit secondary antibodies were used for the analysis.

Western Blotting

Image 2. RACG Antibody (N-term) 1461a western blot analysis in MCF-7 cell line lysates (35 µg/lane). This demonstrates the RACG antibody detected the RACG protein (arrow).

Immunofluorescence

Image 3. Confocal immunofluorescent analysis of RACG Antibody (N-term) 1461a with MCF-7 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN655408.