

Datasheet for ABIN6243370
anti-RAC2 antibody (C-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	400 µL
Target:	RAC2
Binding Specificity:	AA 178-192, C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RAC2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	This RAC2 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 178-192 amino acids from the C-terminal region of human RAC2.
Clone:	RB52171
Isotype:	IgG
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	RAC2
Alternative Name:	RAC2 (RAC2 Products)
Background:	Plasma membrane-associated small GTPase which cycles between an active GTP-bound and

Target Details

inactive GDP-bound state. In active state binds to a variety of effector proteins to regulate cellular responses, such as secretory processes, phagocytosis of apoptotic cells and epithelial cell polarization. Augments the production of reactive oxygen species (ROS) by NADPH oxidase.

Molecular Weight: 21429

UniProt: [P15153](#)

Pathways: [RTK Signaling](#), [VEGF Signaling](#)

Application Details

Application Notes: IF: 1:25. WB: 1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

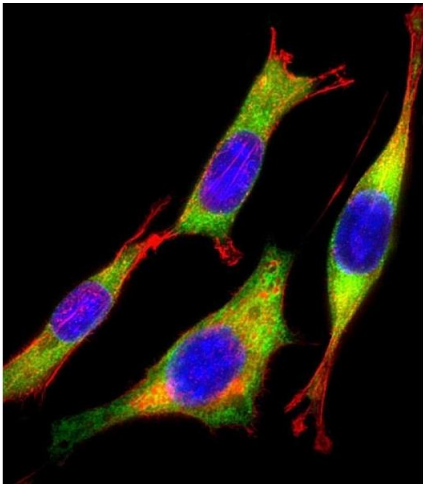
Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

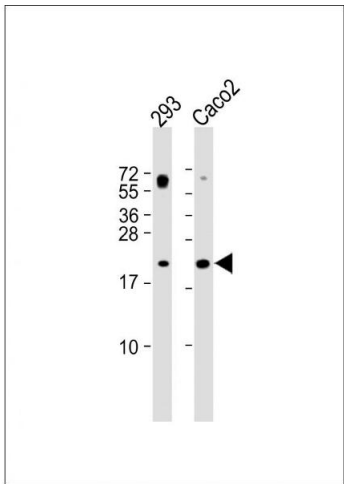
Storage: 4 °C, -20 °C

Expiry Date: 6 months



Immunofluorescence

Image 1. Immunofluorescent analysis of 4 % paraformaldehyde-fixed, 0.1 % Triton X-100 permeabilized NIH/3T3 (mouse embryonic fibroblast cell line) cells labeling RAC2 with (ABIN6243370 and ABIN6578125) at 1/25 dilution, followed by Dylight® 488-conjugated goat anti-rabbit IgG (NK179883) secondary antibody at 1/200 dilution (green). Immunofluorescence image showing cytoplasm staining on NIH/3T3 cell line. Cytoplasmic actin is detected with Dylight® 554 Phalloidin (PD18466410) at 1/100 dilution (red). The nuclear counter stain is DI (blue).



Western Blotting

Image 2. All lanes : Anti-RAC2 Antibody (C-term) at 1:2000 dilution Lane 1: 293 whole cell lysate Lane 2: Caco2 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 21 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.