BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-RAC2 Antibody (C-term)

Catalog Number: M01714

About RAC2

Plasma membrane-associated small GTPase which cycles between an active GTP-bound and inactive GDP-bound state. In active state binds to a variety of effector proteins to regulate cellular responses, such as secretory processes, phagocytose of apoptotic cells and epithelial cell polarization. Augments the production of reactive oxygen species (ROS) by NADPH oxidase.

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Overview

Product Name	Anti-RAC2 Antibody (C-term)
Reactive Species	Human, Mouse
Description	Boster Bio Anti-RAC2 Antibody (C-term) (Catalog # M01714). Tested in WB, IF application(s). This antibody reacts with Human, Mouse.
Application	IF, WB
Clonality	Polyclonal
Formulation	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Storage Instructions	Maintain refrigerated at 2-8°C for up to 2 weeks. For long-term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P15153

Technical Details

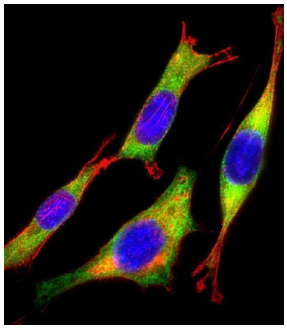
Immunogen	This RAC2 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 178-192 amino acids from the C-terminal region of human RAC2.
Predicted Reactive Species	Bovine, Chicken, Horse, Monkey, Pig, Sheep, Xenopus
Isotype	Rabbit IgG
Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.

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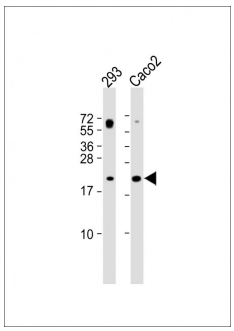
Suggested Dilutions	IF: 1:25 WB: 1:2000 Tested Species: In-house tested species with positive results. Other applications have not been tested. Optimal dilutions should be determined by end users.

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Anti-RAC2 Antibody (C-term) (M01714) Images



Immunofluorescent analysis of 4% paraformaldehyde-fixed, 0.1% Triton X-100 permeabilized NIH/3T3 (mouse embryonic fibroblast cell line) cells labeling RAC2 with M01714 at 1/25 dilution, followed by Dylight® 488-conjugated goat anti-rabbit IgG 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 at 1/100 dilution (red).The nuclear counter stain is DAPI (blue).



All lanes : Anti-RAC2 Antibody (C-term) at 1:2000 dilutionLane 1: 293 whole cell lysateLane 2: Caco2 whole cell lysateLysates/proteins at 20 µg per lane. SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 21 kDaBlocking/Dilution buffer: 5% NFDM/TBST.

Anti-RAC2 Antibody (C-term)

For Research Use Only. Not for use in diagnostic procedures.