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Anti-RAP2C Antibody

Catalog # AP60624

Product Information

Application	WB, IF/IC
Primary Accession	Q9Y3L5
Reactivity	Human, Mouse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	20745

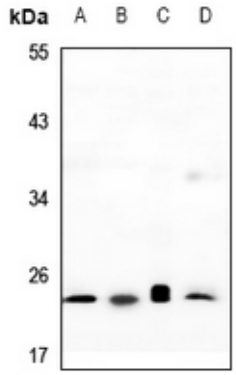
Additional Information

Gene ID	57826
Other Names	Ras-related protein Rap-2c
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human RAP2C. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) IF/IC~~N/A
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

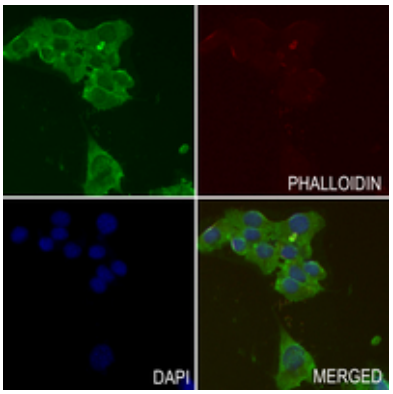
Protein Information

Name	RAP2C
Function	Small GTP-binding protein which cycles between a GDP-bound inactive and a GTP-bound active form. May play a role in cytoskeletal rearrangements and regulate cell spreading through activation of the effector TNIK. May play a role in SRE-mediated gene transcription.
Cellular Location	Cytoplasm. Recycling endosome membrane; Lipid-anchor; Cytoplasmic side
Tissue Location	Expressed in liver, skeletal muscle, prostate, uterus, rectum, stomach, and bladder and to a lower extent in brain, kidney, pancreas, and bone marrow. Expressed in mononuclear leukocytes and megakaryocytes.

Images



Western blot analysis of RAP2C expression in LO2 (A), PC3 (B), CT26 (C), MEF (D) whole cell lysates. (Predicted band size: 20 kD; Observed band size: 21 kD)



Immunofluorescent analysis of RAP2C staining in LS8 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a hidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.