

Datasheet for ABIN7303718
anti-RACGAP1 antibody

3 Images

[Go to Product page](#)

Overview

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|--------------|--|
| Quantity: | 100 µL |
| Target: | RACGAP1 |
| Reactivity: | Human, Mouse, Monkey |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This RACGAP1 antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunochromatography (IC) |

Product Details

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|------------------|---|
| Immunogen: | KLH-conjugated synthetic peptide encompassing a sequence within the center region of human MGCRACGAP. |
| Specificity: | Recognizes endogenous levels of MGCRACGAP protein. |
| Characteristics: | Rabbit polyclonal antibody to MGCRACGAP |
| Purification: | The antibody was purified by immunogen affinity chromatography. |

Target Details

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|-------------------|--|
| Target: | RACGAP1 |
| Alternative Name: | MGCRACGAP (RACGAP1 Products) |
| Background: | KIAA1478, MGCRACGAP, Rac GTPase-activating protein 1, Male germ cell RacGap, MgcRacGAP, Protein CYK4 homolog, CYK4, HsCYK-4 |

Target Details

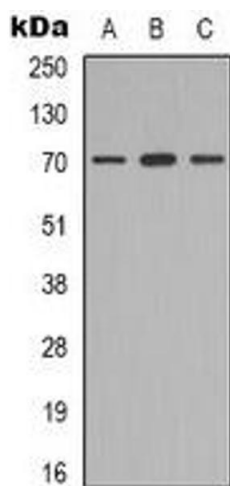
| | |
|-----------|--|
| Gene ID: | 29127, 26934 |
| UniProt: | Q9H0H5 , Q9WVM1 |
| Pathways: | Regulation of Actin Filament Polymerization , Myometrial Relaxation and Contraction , Regulation of G-Protein Coupled Receptor Protein Signaling , Signaling of Hepatocyte Growth Factor Receptor |

Application Details

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|--------------------|--|
| Application Notes: | WB (1:500 - 1:1000), IH (1:100 - 1:200), IF/IC (1:100 - 1:500) |
| Restrictions: | For Research Use only |

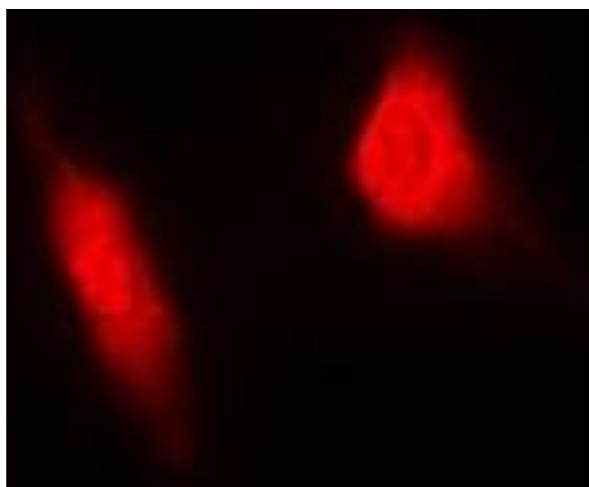
Handling

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|--------------------|--|
| Format: | Liquid |
| Buffer: | Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % 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: | -20 °C |
| Storage Comment: | Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles. |
| Expiry Date: | 12 months |



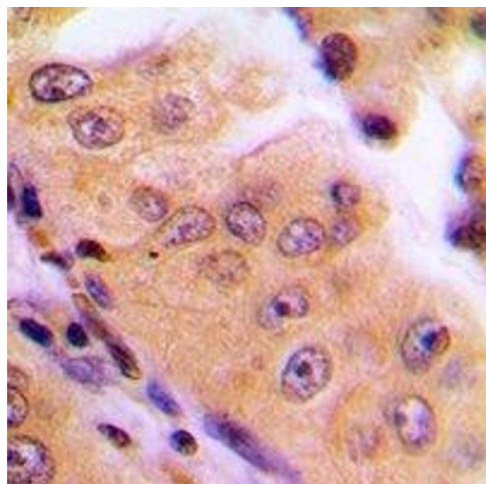
Western Blotting

Image 1. Western blot analysis of MGCRCAGAP expression in A431 (A), Raji (B), COS7 (C) whole cell lysates.



Immunofluorescence

Image 2. Immunofluorescent analysis of MGCRCAGAP staining in HeLa 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.



Immunohistochemistry

Image 3. Immunohistochemical analysis of MGCRCAGAP staining in human lung cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the primary antibody.