10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

# RABGAP1 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP10460a

## Product Information

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|---|---|
| **Application** | WB, FC, E |
| **Primary Accession** | Q9Y3P9 |
| **Other Accession** | A2AWA9, NP_036329.3 |
| **Reactivity** | Human |
| **Predicted** | Mouse, Rat, Bovine, Canine, Rabbit, Chicken |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Isotype** | Rabbit IgG |
| **Clone Names** | RB28069 |
| **Calculated MW** | 121737 |
| **Antigen Region** | 14-43 |

## Additional Information

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| **Gene ID** | 23637 |
| **Other Names** | Rab GTPase-activating protein 1, GAP and centrosome-associated protein, Rab6 GTPase-activating protein GAPCenA, RABGAP1 |
| **Target/Specificity** | This RABGAP1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 14-43 amino acids from the N-terminal region of human RABGAP1. |
| **Dilution** | WB~~1:1000 FC~~1:10~50 E~~Use at an assay dependent concentration. |
| **Format** | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification. |
| **Storage** | 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. |
| **Precautions** | RABGAP1 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures. |

## Protein Information

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| **Name** | RABGAP1 |
| **Function** | May act as a GTPase-activating protein of RAB6A. May play a role in microtubule nucleation by centrosome. May participate in a RAB6A-mediated |

pathway involved in the metaphase-anaphase transition.

**Cellular Location** Cytoplasm, cytosol. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Note=Predominantly cytosolic but also associated with the centrosome.

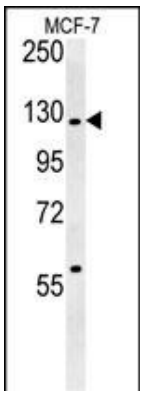
## Background

RABGAP1 may act as a GTPase-activating protein of RAB6A and play a role in microtubule nucleation by centrosome. It may participate in a RAB6A-mediated pathway involved in the metaphase-anaphase transition.

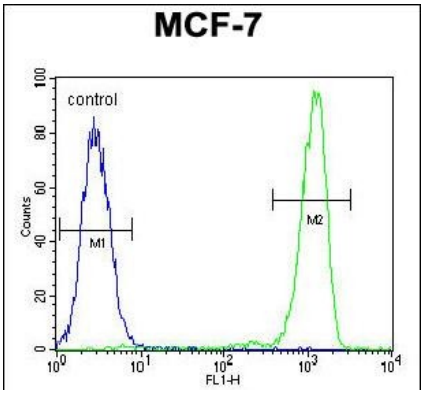
## References

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Ishibashi, K., et al. Genes Cells 14(1):41-52(2009)
Echard, A., et al. Mol. Biol. Cell 11(11):3819-3833(2000)
Opdam, F.J., et al. J. Cell. Sci. 113 (PT 15), 2725-2735 (2000) :
Cuif, M.H., et al. EMBO J. 18(7):1772-1782(1999)

## Images




RABGAP1 Antibody (N-term) (Cat. #AP10460a) western blot analysis in MCF-7 cell line lysates (35ug/lane).This demonstrates the RABGAP1 antibody detected the RABGAP1 protein (arrow).




RABGAP1 Antibody (N-term) (Cat. #AP10460a) 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.

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