10320 Camino Santa Fe, Suite G
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RABGAP1 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP10460a

Specification

RABGAP1 Antibody (N-term) - Product Information

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

RABGAP1 Antibody (N-term) - Additional Information

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

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.

RABGAP1 Antibody (N-term) - Protein Information

Name RABGAP1

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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.

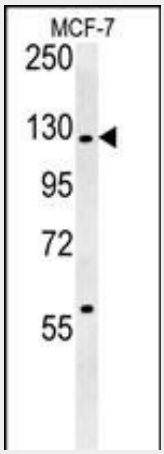
Cellular Location
Cytoplasm, cytosol. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Note=Predominantly cytosolic but also associated with the centrosome.

RABGAP1 Antibody (N-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

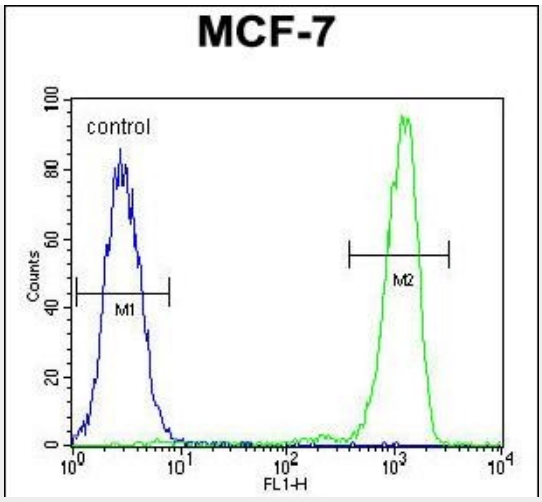
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

RABGAP1 Antibody (N-term) - 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).

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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.

RABGAP1 Antibody (N-term) - 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.

RABGAP1 Antibody (N-term) - References

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :
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)