

Rabbit RABGAP1 Polyclonal Antibody | anti-RABGAP1 antibody

RABGAP1 Antibody (N-term)

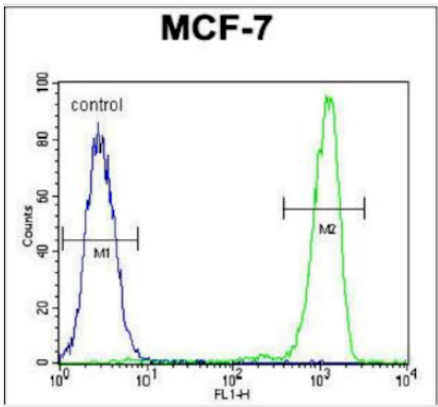
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287164	Rabbit	Human (Predicted Reactivity: Mouse)	Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

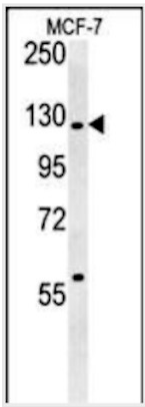
RABGAP1; Polyclonal Antibody; RABGAP1 Antibody (N-term); Rab GTPase-activating protein 1; GAP and centrosome-associated protein; Rab6 GTPase-activating protein GAPCenA; anti-RABGAP1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse)
Clonality	Polyclonal
Isotype	Rabbit IgG
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.
Purity/Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Sequence Positions	14-43
Sequence Length	265
Applicable Applications for anti-RABGAP1 antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
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.
Preparation and Storage	Maintain refrigerated at 2°C to 8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
RABGAP1 Antibody (N-term) (Cat. # AAA287164) 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.



WB (Western Blot)
RABGAP1 Antibody (N-term) (Cat. #AAA287164) western blot analysis in MCF-7 cell line lysates (35ug/lane). This demonstrates the RABGAP1 antibody detected the RABGAP1 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-RABGAP1 antibody	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.
Product Categories/Family for anti-RABGAP1 antibody	Cell Biology; Signal transduction
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)

NCBI AND UNIPROT INFORMATION

NCBI GI #	164519084
NCBI GeneID	23637
NCBI Accession #	NP_036329.3
NCBI GenBank Nucleotide #	NM_012197.3
UniProt Accession #	Q9Y3P9; Q05CW2; Q6ZMY1; Q9HA28; Q9P0E2; Q9UG67; B9A6L2
Molecular Weight	121737
NCBI Official Full Name	rab GTPase-activating protein 1
NCBI Official Synonym Full Names	RAB GTPase activating protein 1
NCBI Official Symbol	RABGAP1
NCBI Official Synonym Symbols	GAPCENA; TBC1D11
NCBI Protein Information	rab GTPase-activating protein 1
UniProt Protein Name	Rab GTPase-activating protein 1
UniProt Gene Name	RABGAP1
UniProt Entry Name	RBGP1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/polyclonal/rabgap1-antibody-flow-cytometry-western-blot-elisa/287164>