

Rabbit anti-Human RABGAP1 Polyclonal Antibody | anti-RABGAP1 antibody

Anti-RABGAP1 Antibody, Rabbit Polyclonal

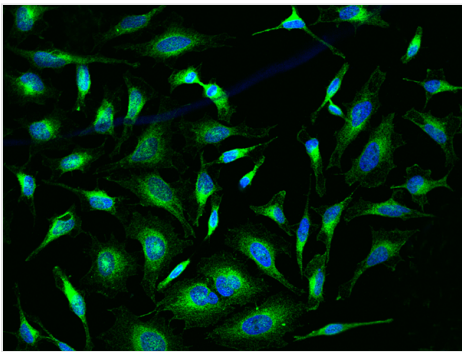
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA256993	Rabbit	Human	Immunofluorescence, Immunocytochemistry, Immunohistochemistry

PRODUCT SYNONYMS

RABGAP1; Polyclonal Antibody; Anti-RABGAP1 Antibody; Rabbit Polyclonal; RABGAP1 Antibody; Rabbit PAb; Antigen Affinity Purified; RAB GTPase activating protein 1; Anti-GAPCENA Antibody; Anti-TBC1D11 Antibody; anti-RABGAP1 antibody

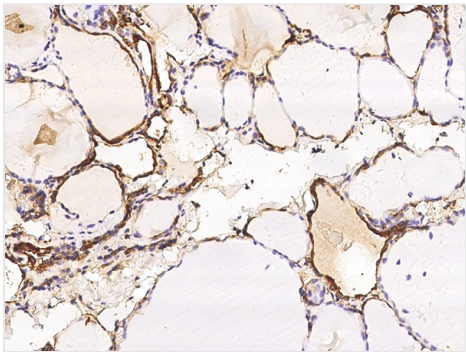
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human RABGAP1
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-RABGAP1 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry)
Immunogen	E Coli-derived Human RABGAP1 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human RABGAP1 fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.



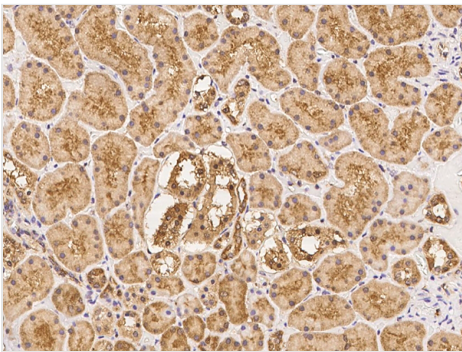
IF (Immunofluorescence)

Immunofluorescence staining of RABGAP1 in HeLa cells. Cells were fixed with 4% PFA, permeabilized with 0.3% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-Human RABGAP1 polyclonal antibody (dilution ratio 1:200) at 4 degree C overnight. Then cells were stained with the Alexa Fluor488-conjugated Goat Anti-rabbit IgG secondary antibody (green). Positive staining was localized to.



IHC (Immunohistochemistry)

Immunochemical staining of human RABGAP1 in human thyroid with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)

Immunochemical staining of human RABGAP1 in human kidney with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-RABGAP1 antibody	RABGAP1 (RAB GTPase Activating Protein 1) is a Protein Coding gene. The RABGAP1 gene, located on 9q33.2-q33.3, is conserved in chimpanzee, dog, cow, mouse, rat, chicken, zebrafish, fruit fly, mosquito, C.elegans, and frog. RABGAP1 may act as a GTPase-activating protein of RAB6A and may play a role in microtubule nucleation by the centrosome. RABGAP1 May also participate in a RAB6A-mediated pathway involved in the metaphase-anaphase transition. RABGAP1 is widely expressed in the thyroid, brain, and other tissues. Diseases associated with RABGAP1 include Warburg Micro Syndrome and Warburg Micro Syndrome 1. Among its related pathways are TBC/RABGAPs and Vesicle-mediated transport. 227 organisms have orthologs with the human gene RABGAP1.
References	Samarelli AV, et al. (2020) Rabgap1 promotes recycling of active beta1 integrins to support effective cell migration. J Cell Sci 133 (18): jcs243683.Echard A, et al. (2000) Alternative splicing of the human rab6a gene generates two close but functionally different isoforms. Mol Biol Cell 11 (11): 3819-3833.Cuif MH, et al. (1999) Characterization of gapcena, a gtpase activating protein for rab6, part of which associates with the centrosome. Embo j 18 (7): 1772-1782.

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.