

RAB42 Rabbit pAb

RAB42 Rabbit pAb Catalog # AP94842

Product Information

Primary Accession

Reactivity

Human

Host

Clonality

Calculated MW

Physical State

Q8N4Z0

Human

Polyclonal

24133

Liquid

Immunogen KLH conjugated synthetic peptide derived from human RAB42

Epitope Specificity 31-105/105

Isotype IgG

Purity affinity purified by Protein A

Buffer Preservative: 0.02% Proclin300, Constituents: 1% BSA, 0.01M PBS, pH7.4.

SUBCELLULAR LOCATION Membrane.

SIMILARITY Belongs to the small GTPase superfamily. Rab family.

Important Note This product as supplied is intended for research use only, not for use in

human, therapeutic or diagnostic applications.

Additional Information

Gene ID 115273

Other Names Ras-related protein Rab-42, 3.6.5.2, RAB42 (HGNC:28702)

Dilution Flow-Cyt=2ug/Test

Storage Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When

reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody

is stable for at least two weeks at 2-4 °C.

Protein Information

Name RAB42 (<u>HGNC:28702</u>)

Function The small GTPases Rab are key regulators of intracellular membrane

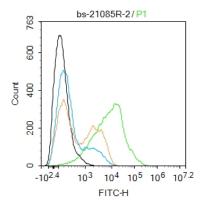
trafficking, from the formation of transport vesicles to their fusion with membranes. Rabs cycle between an inactive GDP-bound form and an active GTP-bound form that is able to recruit to membranes different sets of downstream effectors directly responsible for vesicle formation, movement, tethering and fusion (By similarity). The physiological function of RAB42

remains undefined (Probable).

Background

RAB42 (RAB42, Member RAS Oncogene Family) is a Protein Coding gene. Among its related pathways are RAB geranylgeranylation and Metabolism of proteins. GO annotations related to this gene include GTP binding and GTPase activity. An important paralog of this gene is RAB39B.

Images



Blank control:THP-1.

Primary Antibody (green line): Rabbit Anti-RAB42 antibody (AP94842)

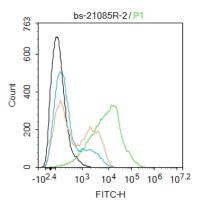
Dilution: 2 µg /10^6 cells;

Isotype Control Antibody (orange line): Rabbit IgG . Secondary Antibody : Goat anti-rabbit IgG-FITC

Dilution: 1 µg /test.

Protocol

The cells were incubated in 5%BSA to block non-specific protein-protein interactions for 30 min at room temperature .Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.



Blank control:THP-1. Primary Antibody (green line): Rabbit Anti-RAB42 antibody (AP94842) Dilution: 2 μ g /10^6 cells; Isotype Control Antibody (orange line): Rabbit IgG . Secondary Antibody : Goat anti-rabbit IgG-FITC Dilution: 1 μ g /test. Protocol The cells were incubated in 5%BSA to block non-specific protein-protein interactions for 30 min at room temperature .Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.

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