

### RAB42 Rabbit pAb

RAB42 Rabbit pAb Catalog # AP94842

### **Specification**

**Physical State** 

### **RAB42 Rabbit pAb - Product Information**

Application FC
Primary Accession O8N4Z0
Reactivity Human
Host Rabbit
Clonality Polyclonal
Calculated MW 11 KDa

Immunogen KLH conjugated synthetic peptide derived

Liquid

from human RAB42

Epitope Specificity 31-105/105

Isotype

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.

#### **RAB42** Rabbit pAb - Additional Information

### **Gene ID** 115273

### **Other Names**

Ras-related protein Rab-42, 3.6.5.2, RAB42 (<a href="http://www.genenames.org/cgi-bin/gene\_symbol\_report?hgnc\_id=28702" target="\_blank">HGNC:28702</a>)

#### Dilution

<span class ="dilution\_FC">FC~~1:10~50</span>

#### **Storage**

Store at -20  $^{\circ}$ 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  $^{\circ}$ C.

### **RAB42 Rabbit pAb - 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).

### **Cellular Location**

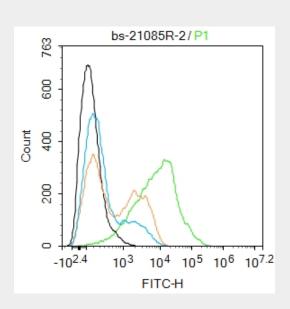
Membrane {ECO:0000250|UniProtKB:P62820}; Lipid- anchor {ECO:0000250|UniProtKB:P62820}

## **RAB42 Rabbit pAb - Protocols**

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

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

### RAB42 Rabbit pAb - Images



Blank control:THP-1. Primary Antibody (green line): Rabbit Anti-RAB42 antibody (AP94842) Dilution:  $2 \mu g / 10^6$  cells; Isotype Control Antibody (orange line): Rabbit IgG . Secondary Antibody : Goat anti-rabbit IgG-FITC Dilution:  $1 \mu g$  /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.

# RAB42 Rabbit pAb - Background

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