

RAB27B Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP4986b

Specification

RAB27B Antibody (C-term) - Product Information

Application	WB, FC,E
Primary Accession	O00194
Other Accession	NP_004154
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit Ig
Calculated MW	24608
Antigen Region	186-215

RAB27B Antibody (C-term) - Additional Information

Gene ID 5874

Other Names

Ras-related protein Rab-27B, C25KG, RAB27B

Target/Specificity

This RAB27B antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 186-215 amino acids from the C-terminal region of human RAB27B.

Dilution

WB~~1:1000
FC~~1:10~50

Format

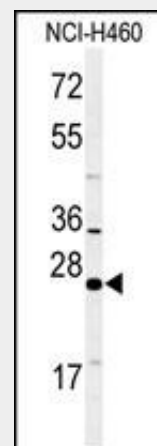
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

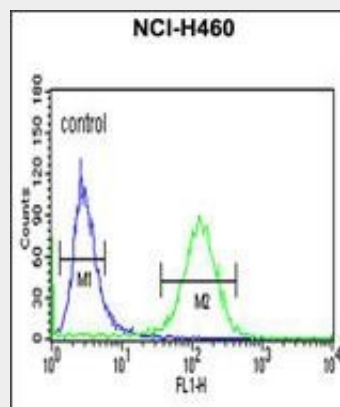
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

RAB27B Antibody (C-term) is for research



Western blot analysis of RAB27B Antibody (C-term) (Cat. #AP4986b) in NCI-H460 cell line lysates (35ug/lane). RAB27B (arrow) was detected using the purified Pab.



RAB27B Antibody (C-term) (Cat. #AP4986b) flow cytometric analysis of NCI-H460 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

RAB27B Antibody (C-term) - Background

RAB27B may be involved in targeting uroplakins to urothelial apical membranes.

RAB27B Antibody (C-term) - References

use only and not for use in diagnostic or therapeutic procedures.

RAB27B Antibody (C-term) - Protein Information

Name RAB27B

Function

Small GTPase which cycles between active GTP-bound and inactive GDP-bound states. In its active state, binds to a variety of effector proteins to regulate homeostasis of late endocytic pathway, including endosomal positioning, maturation and secretion (PubMed:30771381). Plays a role in NTRK2/TRKB axonal anterograde transport by facilitating the association of NTRK2/TRKB with KLC1 (PubMed:21775604). May be involved in targeting uroplakins to urothelial apical membranes (By similarity).

Cellular Location

Membrane; Lipid-anchor. Late endosome

Tissue Location

Expressed primarily in testis.

Hayasaka, S., et al. Asian J. Androl.
10(4):561-568(2008)
Shirakawa, R., et al. J. Biol. Chem.
279(11):10730-10737(2004)
Tiwari, S., et al. Blood
102(12):3970-3979(2003)

RAB27B Antibody (C-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 Cytometry](#)
- [Cell Culture](#)