

RAB27B Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP4986b**Specification**

RAB27B Antibody (C-term) Blocking Peptide - Product Information

Primary Accession [O00194](#)
Other Accession [NP_004154](#)

RAB27B Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 5874

Other Names

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

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

RAB27B Antibody (C-term) Blocking Peptide - 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.

RAB27B Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

RAB27B Antibody (C-term) Blocking Peptide - Images**RAB27B Antibody (C-term) Blocking Peptide - Background**

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

RAB27B Antibody (C-term) Blocking Peptide - References

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)