

RAB27B Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP12742c**Specification**

RAB27B Antibody (Center) Blocking peptide - Product InformationPrimary Accession [O00194](#)**RAB27B Antibody (Center) 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 (Center) 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 (Center) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

RAB27B Antibody (Center) Blocking peptide - Images

RAB27B Antibody (Center) Blocking peptide - Background

Members of the Rab protein family, including RAB27B, are prenylated, membrane-bound proteins involved in vesicular fusion and trafficking (Chen et al., 1997 [PubMed 9066979]). [supplied by OMIM].

RAB27B Antibody (Center) Blocking peptide - References

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) ; Hendrix, A., et al. J. Natl. Cancer Inst. 102(12):866-880(2010) Davila, S., et al. Genes Immun. 11(3):232-238(2010) Hayasaka, S., et al. Asian J. Androl. 10(4):561-568(2008) Shirakawa, R., et al. J. Biol. Chem. 279(11):10730-10737(2004)