

RAB41 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP16499b**Specification**

RAB41 Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [Q5JT25](#)**RAB41 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 347517**Other Names**

Ras-related protein Rab-41, RAB41

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.

RAB41 Antibody (C-term) Blocking Peptide - Protein Information**Name** RAB41**Function**

Required for normal Golgi ribbon organization and ER-to-Golgi trafficking.

Cellular Location

Cytoplasm. Note=punctate localization concentrated in ruffled regions at the cell periphery

Tissue Location

Widely expressed in brain, testis, lung, heart, ovary, colon, kidney, uterus and spleen but not in liver

RAB41 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

RAB41 Antibody (C-term) Blocking Peptide - Images

RAB41 Antibody (C-term) Blocking Peptide - Background

This gene encodes a small GTP-binding protein that belongs to the largest family within the Ras superfamily. These proteins function as regulators of membrane trafficking. They cycle between inactive GDP-bound and activated GTP-bound states, which is controlled by GTP hydrolysis-activating proteins (GAPs). This family member can be activated by the GAP protein RN-Tre, and it is localized to the Golgi complex.

RAB41 Antibody (C-term) Blocking Peptide - References

Haas, A.K., et al. Nat. Cell Biol. 7(9):887-893(2005) Pereira-Leal, J.B., et al. J. Mol. Biol. 313(4):889-901(2001)