

**RAB8B Antibody (C-term) Blocking Peptide**  
Synthetic peptide  
Catalog # BP19030b**Specification**

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**RAB8B Antibody (C-term) Blocking Peptide - Product Information**Primary Accession [O92930](#)**RAB8B Antibody (C-term) Blocking Peptide - Additional Information**

Gene ID 51762

**Other Names**

Ras-related protein Rab-8B, RAB8B

**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.

**RAB8B Antibody (C-term) Blocking Peptide - Protein Information**

Name RAB8B

**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. That Rab may be involved in polarized vesicular trafficking and neurotransmitter release. May participate in cell junction dynamics in Sertoli cells (By similarity). May participate in the export of a subset of neosynthesized proteins through a Rab8-Rab10-Rab11-dependent endosomal export route (PubMed:<a href="http://www.uniprot.org/citations/32344433" target="\_blank">32344433</a>).

**Cellular Location**

Cell membrane; Lipid-anchor; Cytoplasmic side. Cytoplasmic vesicle, phagosome. Cytoplasmic vesicle, phagosome membrane; Lipid-anchor; Cytoplasmic side. Endosome membrane. Note=Recruited to phagosomes containing S.aureus or M.tuberculosis. Colocalized with MICAL1, GRAF1/ARHGAP26 and GRAF2/ARHGAP10 on endosomal tubules (PubMed:32344433)

## **RAB8B Antibody (C-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

## **RAB8B Antibody (C-term) Blocking Peptide - Images**

## **RAB8B Antibody (C-term) Blocking Peptide - Background**

RAB proteins, like RAB8B, are low molecular mass monomericGTPases that localize on the cytoplasmic surfaces of distinctmembrane-bound organelles. RAB proteins function in intracellularvesicle transport by aiding in the docking and/or fusion ofvesicles with their target membranes (summary by Chen et al., 1997[PubMed 9030196]).

## **RAB8B Antibody (C-term) Blocking Peptide - References**

Heidrych, P., et al. Hum. Mol. Genet. 17(23):3814-3821(2008)Wu, C., et al. Proteomics 7(11):1775-1785(2007)Lamesch, P., et al. Genomics 89(3):307-315(2007)Lau, A.S., et al. Endocrinology 144(4):1549-1563(2003)Hattula, K., et al. Mol. Biol. Cell 13(9):3268-3280(2002)