

**RAB5C Antibody (C-term) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP13450b****Specification**

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**RAB5C Antibody (C-term) Blocking peptide - Product Information**Primary Accession [P51148](#)**RAB5C Antibody (C-term) Blocking peptide - Additional Information****Gene ID** 5878**Other Names**

Ras-related protein Rab-5C, L1880, RAB5L, RAB5C, RABL

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody AP13450b was selected from the C-term region of RAB5C. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

**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.

**RAB5C Antibody (C-term) Blocking peptide - Protein Information****Name** RAB5C**Synonyms** RABL**Function**

Protein transport. Probably involved in vesicular traffic.

**Cellular Location**

Cell membrane {ECO:0000250|UniProtKB:P20339}; Lipid-anchor {ECO:0000250|UniProtKB:P20339}; Cytoplasmic side {ECO:0000250|UniProtKB:P20339}. Early endosome membrane {ECO:0000250|UniProtKB:P20339}; Lipid-anchor {ECO:0000250|UniProtKB:P20339}. Melanosome. Note=Identified by mass spectrometry in melanosome fractions from stage I to stage IV

## **RAB5C Antibody (C-term) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

## **RAB5C Antibody (C-term) Blocking peptide - Images**

## **RAB5C Antibody (C-term) Blocking peptide - Background**

Members of the Rab protein family are small GTPases of the Ras superfamily that are thought to ensure fidelity in the process of docking and/or fusion of vesicles with their correct acceptor compartment (Han et al., 1996 [PubMed 8646882]).

## **RAB5C Antibody (C-term) Blocking peptide - References**

Ewing, R.M., et al. Mol. Syst. Biol. 3, 89 (2007) ; Chi, A., et al. J. Proteome Res. 5(11):3135-3144(2006) Merithew, E., et al. J. Biol. Chem. 278(10):8494-8500(2003) Clemens, D.L., et al. Infect. Immun. 68(5):2671-2684(2000) Bucci, C., et al. Biochem. Biophys. Res. Commun. 258(3):657-662(1999)