

**RABEP1 Blocking Peptide (Center)**  
**Synthetic peptide**  
**Catalog # BP21346c****Specification**

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**RABEP1 Blocking Peptide (Center) - Product Information**Primary Accession [Q15276](#)**RABEP1 Blocking Peptide (Center) - Additional Information****Gene ID** 9135**Other Names**

Rab GTPase-binding effector protein 1, Rabaptin-4, Rabaptin-5, Rabaptin-5alpha, Renal carcinoma antigen NY-REN-17, RABEP1, RAB5EP, RABPT5, RABPT5A

**Target/Specificity**

The synthetic peptide sequence is selected from aa 427-441 of HUMAN RABEP1

**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.

**RABEP1 Blocking Peptide (Center) - Protein Information****Name** RABEP1**Synonyms** RAB5EP, RABPT5, RABPT5A**Function**

Rab effector protein acting as linker between gamma-adaptin, RAB4A and RAB5A. Involved in endocytic membrane fusion and membrane trafficking of recycling endosomes. Involved in KCNH1 channels trafficking to and from the cell membrane (PubMed:&lt;a href="http://www.uniprot.org/citations/22841712" target="\_blank"&gt;22841712&lt;/a&gt;). Stimulates RABGEF1 mediated nucleotide exchange on RAB5A. Mediates the traffic of PKD1:PKD2 complex from the endoplasmic reticulum through the Golgi to the cilium (By similarity).

**Cellular Location**

Cytoplasm. Early endosome. Recycling endosome. Cytoplasmic vesicle

## **RABEP1 Blocking Peptide (Center) - Protocols**

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

- [Blocking Peptides](#)

## **RABEP1 Blocking Peptide (Center) - Images**

## **RABEP1 Blocking Peptide (Center) - Background**

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## **RABEP1 Blocking Peptide (Center) - References**

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Horiuchi H.,et al.Cell 90:1149-1159(1997).