

**RABAC1 Antibody (N-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP9049a****Specification**

---

**RABAC1 Antibody (N-term) Blocking Peptide - Product Information**Primary Accession [O9UI14](#)**RABAC1 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 10567**Other Names**

Prenylated Rab acceptor protein 1, PRA1 family protein 1, RABAC1, PRA1, PRAF1

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP9049a](/products/AP9049a) was selected from the N-term region of human RABAC1. 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.

**RABAC1 Antibody (N-term) Blocking Peptide - Protein Information****Name** RABAC1**Synonyms** PRA1, PRAF1**Function**

General Rab protein regulator required for vesicle formation from the Golgi complex. May control vesicle docking and fusion by mediating the action of Rab GTPases to the SNARE complexes. In addition it inhibits the removal of Rab GTPases from the membrane by GDI.

**Cellular Location**

Cell membrane {ECO:0000250|UniProtKB:O35394}; Multi-pass membrane protein. Cytoplasm {ECO:0000250|UniProtKB:O35394}. Golgi apparatus {ECO:0000250|UniProtKB:O35394}. Cytoplasmic vesicle, secretory vesicle, synaptic vesicle {ECO:0000250|UniProtKB:O35394}. Note=According to some authors, it is an integral membrane protein, while others showed that it is cytoplasmic and membrane-associated to Golgi and synaptic vesicles.

{ECO:0000250|UniProtKB:O35394}

**Tissue Location**

Ubiquitous. Strongest expression found in placenta, pituitary gland, kidney, lung and stomach

**RABAC1 Antibody (N-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**RABAC1 Antibody (N-term) Blocking Peptide - Images****RABAC1 Antibody (N-term) Blocking Peptide - Background**

RABAC1 is general Rab protein regulator required for vesicle formation from the Golgi complex. May control vesicle docking and fusion by mediating the action of Rab GTPases to the SNARE complexes. In addition it inhibits the removal of Rab GTPases from the membrane by GDI.

**RABAC1 Antibody (N-term) Blocking Peptide - References**

Venkatesan,K., et.al., Nat. Methods 6 (1), 83-90 (2009)Kim,J.T., et.al., Biochem. Biophys. Res. Commun. 349 (1), 200-208 (2006)