

**RPH3AL Antibody (C-term) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP10741b****Specification**

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**RPH3AL Antibody (C-term) Blocking peptide - Product Information**

Primary Accession [Q9UNE2](#)

**RPH3AL Antibody (C-term) Blocking peptide - Additional Information**

**Gene ID** 9501

**Other Names**

Rab effector Noc2, No C2 domains protein, Rabphilin-3A-like protein, RPH3AL, NOC2

**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.

**RPH3AL Antibody (C-term) Blocking peptide - Protein Information**

**Name** RPH3AL

**Synonyms** NOC2

**Function**

Rab GTPase effector involved in the late steps of regulated exocytosis, both in endocrine and exocrine cells (By similarity). Acts as a potential RAB3B effector protein in epithelial cells.

**Cellular Location**

Cytoplasm. Cytoplasmic vesicle, secretory vesicle membrane. Note=Recruited to the vesicle membrane in a GTP- and RAB3B-dependent manner in epithelial cells

**Tissue Location**

Moderate to high levels of expression in thyroid, ovary, stomach, heart, pancreas, skeletal muscle, kidney and liver Also detected in epithelial cells.

**RPH3AL Antibody (C-term) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

#### **RPH3AL Antibody (C-term) Blocking peptide - Images**

#### **RPH3AL Antibody (C-term) Blocking peptide - Background**

The protein encoded by this gene plays a direct regulatory role in calcium-ion-dependent exocytosis in both endocrine and exocrine cells and plays a key role in insulin secretion by pancreatic cells. This gene is likely a tumor suppressor. Alternative splicing results in multiple transcript variants encoding distinct isoforms.

#### **RPH3AL Antibody (C-term) Blocking peptide - References**

Rose, J. Phd, et al. Mol. Med. (2010) In press :Shanmugam, C., et al. Biotech Histochem 84(2):39-45(2009) Katkoori, V.R., et al. Front. Biosci. 13, 1050-1061 (2008) :Matsumoto, M., et al. Proc. Natl. Acad. Sci. U.S.A. 101(22):8313-8318(2004) Manabe, S., et al. Biochem. Biophys. Res. Commun. 316(1):218-225(2004)