

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

RPH3AL Antibody (C-term) Blocking peptide - Product InformationPrimary 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)