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RAB24 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP1819a

Specification

RAB24 Antibody (N-term) Blocking Peptide - Product Information

Primary Accession Q969Q5

RAB24 Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 53917

Other Names
Ras-related protein Rab-24, RAB24

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP1819a was selected from the N-term region of human Autophagy RAB24. 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.

RAB24 Antibody (N-term) Blocking Peptide - Protein Information

Name RAB24

Function
May be involved in autophagy-related processes.

Cellular Location
Cytoplasm, cytosol. Membrane; Lipid-anchor Note=Only about 20-25% is recovered in the particulate fraction

RAB24 Antibody (N-term) Blocking Peptide - Protocols

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

- Blocking Peptides

RAB24 Antibody (N-term) Blocking Peptide - Images

RAB24 Antibody (N-term) Blocking Peptide - Background

Macroautophagy is the major inducible pathway for the general turnover of cytoplasmic constituents in eukaryotic cells, it is also responsible for the degradation of active cytoplasmic enzymes and organelles during nutrient starvation. Macroautophagy involves the formation of double-membrane bound autophagosomes which enclose the cytoplasmic constituent targeted for degradation in a membrane bound structure, which then fuse with the lysosome (or vacuole) releasing a single-membrane bound autophagic bodies which are then degraded within the lysosome (or vacuole). The GTPase Rab24 is thought to be involved in the regulation of vesicular transport associated with autophagy.

RAB24 Antibody (N-term) Blocking Peptide - References

Baehrecke EH. Nat Rev Mol Cell Biol. 6(6):505-10. (2005) Lum JJ, et al. Nat Rev Mol Cell Biol. 6(6):439-48. (2005) Greenberg JT. Dev Cell. 8(6):799-801. (2005) Levine B. Cell. 120(2):159-62. (2005) Shintani T and Klionsky DJ. Science. 306(5698):990-5. (2004)