

RAB24 Antibody (Y172) Blocking Peptide
Synthetic peptide
Catalog # BP1819d**Specification**

RAB24 Antibody (Y172) Blocking Peptide - Product InformationPrimary Accession [Q969Q5](#)**RAB24 Antibody (Y172) 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 [AP1819d](/product/products/AP1819d) was selected from the Y172 region of human 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 (Y172) 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 (Y172) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

RAB24 Antibody (Y172) Blocking Peptide - Images

RAB24 Antibody (Y172) 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 (Y172) 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)