

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

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**RAB24 Antibody (Y172) Blocking Peptide - Product Information**

Primary 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)