

EXOC5 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP9006b**Specification**

EXOC5 Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [O00471](#)**EXOC5 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 10640**Other Names**

Exocyst complex component 5, Exocyst complex component Sec10, hSec10, EXOC5, SEC10, SEC10L1

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP9006b](/products/AP9006b) was selected from the C-term region of human EXOC5. 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.

EXOC5 Antibody (C-term) Blocking Peptide - Protein Information**Name** EXOC5**Synonyms** SEC10, SEC10L1**Function**

Component of the exocyst complex involved in the docking of exocytic vesicles with fusion sites on the plasma membrane.

Cellular Location

Cytoplasm. Midbody. Note=Localization at the midbody requires the presence of RALA, EXOC2 and EXOC3

Tissue Location

Ubiquitous..

EXOC5 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

EXOC5 Antibody (C-term) Blocking Peptide - Images

EXOC5 Antibody (C-term) Blocking Peptide - Background

EXOC5 is a component of the exocyst complex, a multiple protein complex essential for targeting exocytic vesicles to specific docking sites on the plasma membrane. Though best characterized in yeast, the component proteins and functions of exocyst complex have been demonstrated to be highly conserved in higher eukaryotes. At least eight components of the exocyst complex, including this protein, are found to interact with the actin cytoskeletal remodeling and vesicle transport machinery. The complex is also essential for the biogenesis of epithelial cell surface polarity.

EXOC5 Antibody (C-term) Blocking Peptide - References

Kee,Y., et.al., Proc. Natl. Acad. Sci. U.S.A. 94 (26), 14438-14443 (1997)Hsu,S.C., et.al., Neuron 20 (6), 1111-1122 (1998)