

EXOC1 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP9562b**Specification**

EXOC1 Antibody (N-term) Blocking Peptide - Product InformationPrimary Accession [Q9NV70](#)**EXOC1 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 55763**Other Names**

Exocyst complex component 1, Exocyst complex component Sec3, EXOC1, SEC3, SEC3L1

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.

EXOC1 Antibody (N-term) Blocking Peptide - Protein Information**Name** EXOC1**Synonyms** SEC3, SEC3L1**Function**

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

Cellular Location

Midbody, Midbody ring. Cytoplasm. Cytoplasm, perinuclear region. Cell membrane.

Note=Colocalizes with CNTRL/centriolin at the midbody ring (PubMed:16213214). Localizes in cell membrane in the presence of SLC6A9 (PubMed:16181645).

EXOC1 Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

EXOC1 Antibody (N-term) Blocking Peptide - Images

EXOC1 Antibody (N-term) Blocking Peptide - Background

EXOC1 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 the 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. Alternatively spliced transcript variants encoding distinct isoforms have been described.

EXOC1 Antibody (N-term) Blocking Peptide - References

Andersen, N.J., et al. Mol. Biol. Cell 21(1):152-164(2010) Akurai-Yageta, M., et al. J. Cell Biol. 181(6):985-998(2008) Su, S.C., et al. Int. Rev. Cytol. 233, 243-265 (2004) Oskalenko, S., et al. J. Biol. Chem. 278(51):51743-51748(2003) Noue, M., et al. Nature 422(6932):629-633(2003)