

KIF18A Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP16406b**Specification**

KIF18A Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [Q8NI77](#)**KIF18A Antibody (C-term) Blocking Peptide - Additional Information**

Gene ID 81930

Other Names

Kinesin-like protein KIF18A, Marrow stromal KIF18A, MS-KIF18A, KIF18A

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.

KIF18A Antibody (C-term) Blocking Peptide - Protein Information

Name KIF18A

Function

Microtubule-depolymerizing kinesin which plays a role in chromosome congression by reducing the amplitude of preanaphase oscillations and slowing poleward movement during anaphase, thus suppressing chromosome movements. May stabilize the CENPE-BUB1B complex at the kinetochores during early mitosis and maintains CENPE levels at kinetochores during chromosome congression.

Cellular Location

Cell projection, ruffle. Cytoplasm. Nucleus. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome

KIF18A Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

KIF18A Antibody (C-term) Blocking Peptide - Images

KIF18A Antibody (C-term) Blocking Peptide - Background

KIF18A is a member of the kinesin superfamily of microtubule-associated molecular motors (see MIM 148760) that use hydrolysis of ATP to produce force and movement along microtubules (Luboshits and Benayahu, 2005 [PubMed 15878648]). [supplied by OMIM].

KIF18A Antibody (C-term) Blocking Peptide - References

Zhang, C., et al. Carcinogenesis 31(9):1676-1684(2010) Du, Y., et al. Curr. Biol. 20(4):374-380(2010) Huang, Y., et al. Cell Cycle 8(16):2643-2649(2009) Zusev, M., et al. J. Cell. Physiol. 217(3):618-625(2008) Stumpff, J., et al. Dev. Cell 14(2):252-262(2008)