

**KIF20A Antibody (N-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP17031a****Specification**

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**KIF20A Antibody (N-term) Blocking Peptide - Product Information**Primary Accession [O95235](#)**KIF20A Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 10112**Other Names**

Kinesin-like protein KIF20A, GG10\_2, Mitotic kinesin-like protein 2, MKlp2, Rab6-interacting kinesin-like protein, Rabkinesin-6, KIF20A, MKLP2, RAB6KIFL

**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.

**KIF20A Antibody (N-term) Blocking Peptide - Protein Information****Name** KIF20A**Synonyms** MKLP2, RAB6KIFL**Function**

Mitotic kinesin required for chromosome passenger complex (CPC)-mediated cytokinesis. Following phosphorylation by PLK1, involved in recruitment of PLK1 to the central spindle. Interacts with guanosine triphosphate (GTP)-bound forms of RAB6A and RAB6B. May act as a motor required for the retrograde RAB6 regulated transport of Golgi membranes and associated vesicles along microtubules. Has a microtubule plus end- directed motility.

**Cellular Location**

Golgi apparatus. Cytoplasm, cytoskeleton, spindle. Note=Localizes to the spindle midzone during anaphase and telophase.

**KIF20A Antibody (N-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

#### **KIF20A Antibody (N-term) Blocking Peptide - Images**

#### **KIF20A Antibody (N-term) Blocking Peptide - Background**

KIF20A interacts with guanosine triphosphate (GTP)-bound forms of RAB6A and RAB6B. May act as a motor required for the retrograde RAB6 regulated transport of Golgi membranes and associated vesicles along microtubules. Has a microtubule plus end-directed motility (By similarity).

#### **KIF20A Antibody (N-term) Blocking Peptide - References**

Hummer, S., et al. Curr. Biol. 19(7):607-612(2009) Sugiyama, N., et al. Mol. Cell Proteomics 6(6):1103-1109(2007) Olsen, J.V., et al. Cell 127(3):635-648(2006) Nousiainen, M., et al. Proc. Natl. Acad. Sci. U.S.A. 103(14):5391-5396(2006) Nousiainen, M., et al. Proc. Natl. Acad. Sci. U.S.A. 103(14):5391-5396(2006)