

KIF20A Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP17031A**Specification**

KIF20A Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	O95235
Other Accession	P97329 , NP_005724.1
Reactivity	Human
Predicted	Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	100278
Antigen Region	198-226

KIF20A Antibody (N-term) - 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

Target/Specificity

This KIF20A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 198-226 amino acids from the N-terminal region of human KIF20A.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

KIF20A Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

KIF20A Antibody (N-term) - 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.

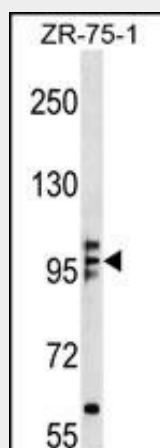
Cellular Location

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

KIF20A Antibody (N-term) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

KIF20A Antibody (N-term) - Images

KIF20A Antibody (N-term) (Cat. #AP17031a) western blot analysis in ZR-75-1 cell line lysates (35ug/lane). This demonstrates the KIF20A antibody detected the KIF20A protein (arrow).

KIF20A Antibody (N-term) - 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) - 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)

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