

KIF18A Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP16406b

Specification

KIF18A Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	Q8NI77
Other Accession	NP_112494.3
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	102281
Antigen Region	644-673

KIF18A Antibody (C-term) - Additional Information

Gene ID 81930

Other Names

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

Target/Specificity

This KIF18A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 644-673 amino acids from the C-terminal region of human KIF18A.

Dilution

WB~~1:1000

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

KIF18A Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

KIF18A Antibody (C-term) - 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

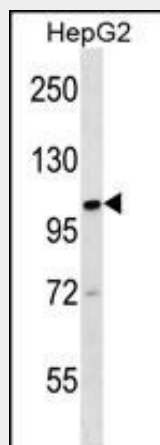
Cell projection, ruffle. Cytoplasm. Nucleus. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome

KIF18A Antibody (C-term) - 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](#)

KIF18A Antibody (C-term) - Images



KIF18A Antibody (C-term) (Cat. #AP16406b) western blot analysis in HepG2 cell line lysates (35ug/lane). This demonstrates the KIF18A antibody detected the KIF18A protein (arrow).

KIF18A Antibody (C-term) - 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) - 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)