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HEPACAM2 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP19350b

Specification

HEPACAM2 Antibody (C-term) - Product Information

Application	**WB,E**
Primary Accession	A8MVW5
Other Accession	NP_937794.1
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**51407**
Antigen Region	**371-400**

HEPACAM2 Antibody (C-term) - Additional Information

Gene ID 253012

Other Names
HEPACAM family member 2, Mitotic kinetics regulator, HEPACAM2, MIKI

Target/Specificity
This HEPACAM2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 371-400 amino acids from the C-terminal region of human HEPACAM2.

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
HEPACAM2 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

HEPACAM2 Antibody (C-term) - Protein Information

Name HEPACAM2

Synonyms MIKI

Function Required during prometaphase for centrosome maturation. Following poly-ADP-ribosylation (PARsylation) by TNKS, translocates from the Golgi apparatus to mitotic centrosomes and plays a key role in the formation of robust microtubules for prompt movement of chromosomes: anchors AKAP9/CG-NAP, a scaffold protein of the gamma- tubulin ring complex and promotes centrosome maturation.

Cellular Location
Golgi apparatus membrane; Single-pass type I membrane protein. Cytoplasm, cytoskeleton, spindle. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Midbody. Note=In interphase, localizes to the Golgi apparatus. Localizes to centrosomes and spindles during prophase, prometaphase, and metaphase of mitosis, and to midbodies at telophase Translocation to mitotic centrosomes is the result of poly-ADP- ribosylation (PARsylation).

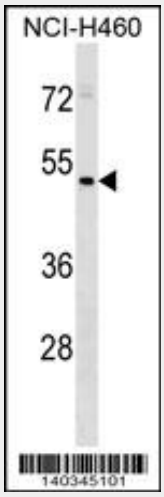
Tissue Location
Widely expressed..

HEPACAM2 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 Cytomety
- Cell Culture

HEPACAM2 Antibody (C-term) - Images



HEPACAM2 Antibody (C-term)(Cat. #AP19350b) western blot analysis in NCI-H460 cell line lysates (35ug/lane).This demonstrates the HEPACAM2 antibody detected the HEPACAM2 protein (arrow).

HEPACAM2 Antibody (C-term) - Background

The function of the HEPACAM2 protein remains unknown.

HEPACAM2 Antibody (C-term) - References

Clark, H.F., et al. Genome Res. 13(10):2265-2270(2003)