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HEPACAM2 Antibody (C-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS15680

Specification

HEPACAM2 Antibody (C-Terminus) - Product Information

Application	**WB, IHC-P**
Primary Accession	A8MVW5
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**51kDa KDa**
Dilution	**WB~~1:1000** **IHC-P~~N/A**

HEPACAM2 Antibody (C-Terminus) - Additional Information

Gene ID 253012

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

Target/Specificity
Human HEPACAM2. HEPACAM2 antibody is human, mouse and rat reactive. At least two isoforms of HEPACAM2 are known to exist; this antibody will detect both isoforms. HEPACAM2 antibody is predicted to not cross-react with HEPACAM.

Reconstitution & Storage
Long term: -20°C; Short term: +4°C. Avoid repeat freeze-thaw cycles.

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

HEPACAM2 Antibody (C-Terminus) - 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).

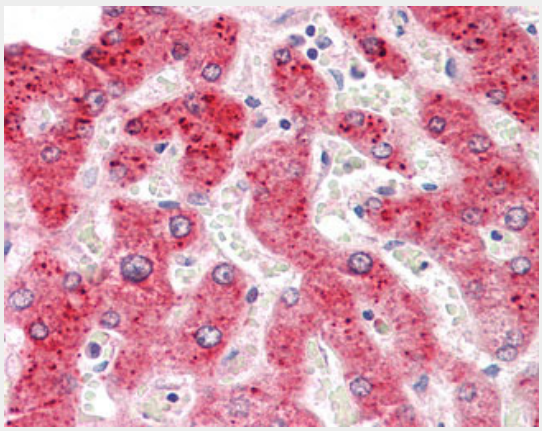
Tissue Location
Widely expressed..

HEPACAM2 Antibody (C-Terminus) - Protocols

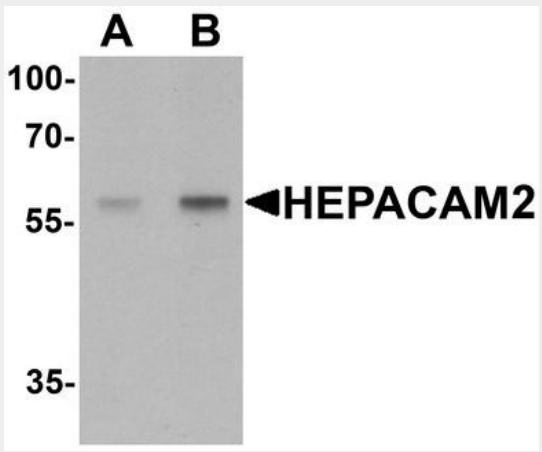
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

HEPACAM2 Antibody (C-Terminus) - Images



Anti-HEPACAM2 antibody IHC staining of human liver.



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Western blot analysis of HEPACAM2 in mouse brain tissue lysate with HEPACAM2 antibody at (A) 0.5...

HEPACAM2 Antibody (C-Terminus) - Background

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.

HEPACAM2 Antibody (C-Terminus) - References

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