A26296

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Aurora A Rabbit mAb

Catalog No.: A26296 Recombinant 1 Publications

Basic Information

Observed MW
50kDa

Calculated MW
46kDa

Category
Monoclonal Antibody

Applications
WB,ELISA

Cross-Reactivity
Human

Background

The protein encoded by this gene is a cell cycle-regulated kinase that appears to be involved in microtubule formation and/or stabilization at the spindle pole during chromosome segregation. The encoded protein is found at the centrosome in interphase cells and at the spindle poles in mitosis. This gene may play a role in tumor development and progression. A processed pseudogene of this gene has been found on chromosome 1, and an unprocessed pseudogene has been found on chromosome 10. Multiple transcript variants encoding the same protein have been found for this gene.

Recommended Dilutions

WB	1:1000 - 1:2000
ELISA	Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
6790

Swiss Prot
O14965

Immunogen
Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms
AIK; ARK1; AURA; BTAK; STK6; STK7; STK15; PPP1R47

Contact

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Product Information

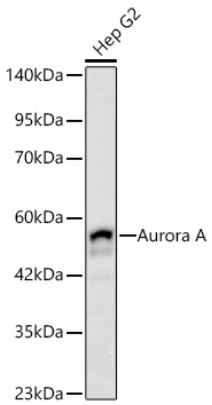
Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at -20℃

Validation Data



Western blot analysis of lysates from Hep G2 cells using Aurora A Rabbit mAb (A26296) at 1:1000 dilution incubated overnight at 4℃.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 45s.

For research use only. Not for therapeutic or diagnostic purposes.
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