Anti-AURKA antibody

Cat. No.	ml263579
Package	25 μl/100 μl/200 μl
Storage	-20°C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol

Product overview

Description	Anti-AURKA rabbit polyclonal antibody
Applications	ELISA, IHC
Immunogen	Synthetic peptide of human AURKA
Reactivity	Human
Content	2.3 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	AURKA
Full name	aurora kinase A
Synonyms	AIK; ARK1; AURA; BTAK; STK6; STK7; STK15; PPP1R47
Swissprot	O14965

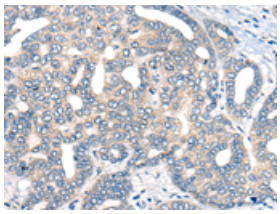
Target Background

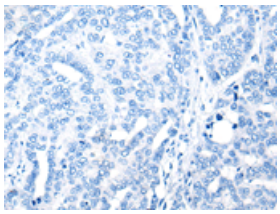
The protein encoded by this gene is a cell cycle-regulated kinase that appears to be involved in microtubule formation and/or stabilization at the spindle pole during chromosome segregation. The encoded protein is found at the centrosome in interphase cells and at the spindle poles in mitosis. This gene 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.

Applications

Immunohistochemistry

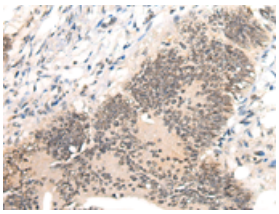
Predicted cell location: Cytoplasm or Nucleus
Positive control: Human liver cancer
Recommended dilution: 30-150

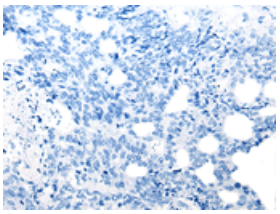




The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using ml263579(AURKA Antibody) at dilution 1/40, on the right is treated with synthetic peptide. (Original magnification: ×200)

Predicted cell location: Cytoplasm or Nucleus
Positive control: Human colorectal cancer
Recommended dilution: 30-150





The image on the left is immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using ml263579(AURKA Antibody) at dilution 1/40, on the right is treated with synthetic peptide. (Original magnification: ×200)

ELISA

Recommended dilution: 5000-10000

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