

AP0523

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Phospho-AURKA-T288 Rabbit pAb

Catalog No.: AP0523

2 Publications

Basic Information

Observed MW

48kDa

Calculated MW

46kDa

Category

Polyclonal 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 1:500 - 1:2000

Immunogen Information

Gene ID

6790

Swiss Prot

O14965

Immunogen

A synthetic phosphorylated peptide around T288 of human AURKA (NP_003591.2).

Synonyms

AIK; ARK1; AURA; BTAK; STK6; STK7; STK15; PPP1R47; Phospho-AURKA-T288

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

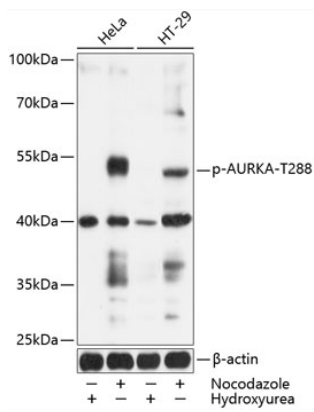
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

Validation Data



Western blot analysis of extracts of HeLa and HT-29 cells, using Phospho-AURKA-T288 antibody (AP0523) at 1:1000 dilution. HeLa cells were treated by Hydroxyurea (4mM) for 20 hours. HeLa cells were treated by Nocodazole (50ng/mL) for 20 hours. HT-29 cells were treated by Hydroxyurea (4 mM) for 20 hours or treated by Nocodazole (100ng/mL) for 16 hours.

Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25 μ g per lane.

Blocking buffer: 3% BSA.

Detection: ECL Basic Kit (RM00020).

Exposure time: 90s.