Phospho-AURKA-T288 Rabbit Polyclonal Antibody

CABP0523

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

48kDa

Calculated MW:

45kDa

Applications:

WB

Reactivity:

Human

Antibody Information

Recommended dilutions:
WB 1:500 - 1:2000

Source:
Rabbit

Isotype:
IgG

Purification:
Affinity purification

Protein 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.

Immunogen information

Gene ID:
6790

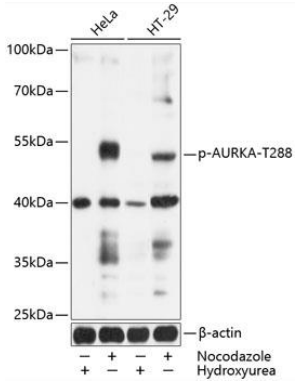
Uniprot
O14965

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

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

Storage:
Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Product Images



Western blot analysis of extracts of HeLa and HT-29 cells, using Phospho-AURKA-T288 antibody (CABP0523) 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) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% BSA. Detection: ECL Basic Kit (CABM00020). Exposure time: 90s.

