

Product datasheet for **TA373864**

Aurora A (AURKA) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB,1:500 - 1:2000
Reactivity:	Human
Modifications:	Phospho T288
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	A synthetic phosphorylated peptide around T288 of human AURKA (NP_003591.2).
Formulation:	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C. Avoid freeze / thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	45kDa
Gene Name:	aurora kinase A
Database Link:	Entrez Gene 6790 Human O14965

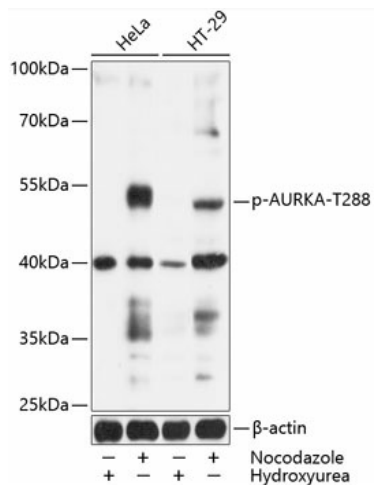
Background: The protein encoded by this gene is a cell cycle-regulated kinase that appears to be involved in microtubule formation and/or stabilization at the spindle pole during chromosome segregation. The encoded protein is found at the centrosome in interphase cells and at the spindle poles in mitosis.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



[View online »](#)

Synonyms:

AIK; ARK1; AURA; Aurora-A; AURORA2; BTAK; hARK1; MGC34538; OTTHUMP00000031344; OTTHUMP00000166071; STK6; STK7; STK15

Product images:


Western blot analysis of extracts of HeLa and HT-29 cells, using Phospho-AURKA-T288 antibody (TA373864) 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) at 1:10000 dilution. | Lysates/proteins: 25ug per lane. | Blocking buffer: 3% BSA. | Detection: ECL Basic Kit. | Exposure time: 90s.