

IHC*easy* AURKA Ready-To-Use IHC Kit

Catalog Number: **KHC2064**

General Information

Sample type:
FFPE tissue

Cited sample type:

Reactivity:
Human, Mouse, Rat

Cited Reactivity:

Assay type:
Immunohistochemistry

Primary antibody type:
Rabbit Polyclonal

Secondary antibody type:
Polymer-HRP-Goat anti-Rabbit

Kit Component

Component	Size	Concentration
Antigen Retrieval Buffer	100 mL	50×
Washing Buffer	100 mL ×2	20×
Blocking Buffer	5 mL	RTU
Primary Antibody	5 mL	RTU
Secondary Antibody	5 mL	RTU
Chromogen Component A	0.2 mL	RTU
Chromogen Component B	4 mL	RTU
Signal Enhancer	5 mL	RTU
Counter Staining Reagent	5 mL	RTU
Mounting Media	5 mL	RTU
Control Slide	1 slide (Optional)	FFPE
Datasheet	1 Copy	
Manual	1 Copy	

Storage Instructions

All the reagents are stored at 2-8°C. The kit is stable for 6 months from the date of receipt.

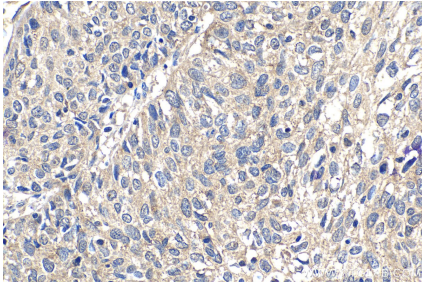
Background

AURKA(Aurora kinase A), also named as STK6, STK15 or AIK, belongs to the Ser/Thr protein kinase family. This protein may play a role in cell cycle regulation during anaphase and/or telophase by being involved in microtubule formation and/or stabilization. Some recent evidence revealed that AURKA may also be implicated in tumor development and progression. AURKA is expressed highly in testis and various proliferating cells. Nuclear staining for AURKA is weak or nonexistent in normal tissue but strong in tumor tissue.

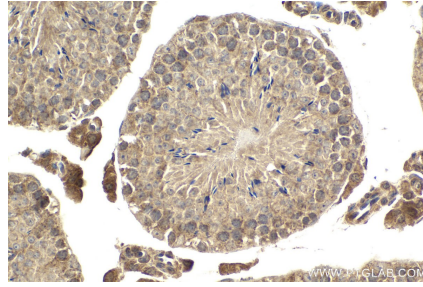
Synonyms

AIK, ARK 1, ARK1, AURA, AURKA, aurora kinase A, Aurora related kinase 1, Aurora/IPL1 related kinase 1, AURORA2, Breast tumor amplified kinase, BTAK, hARK1, STK15, STK6, STK7

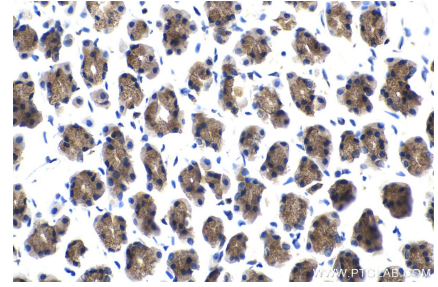
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human cervical cancer tissue slide using KHC2064 (AURKA IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using KHC2064 (AURKA IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat stomach tissue slide using KHC2064 (AURKA IHC Kit).