

For Research Use Only

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 Сору	
Manual	1 Сору	

Storage Instructions

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

Background

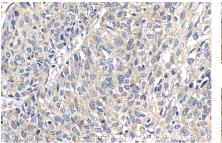
AURKA(Aurora kinase A), also named as STK6, STK15 or AIK, belongs to the Ser/Thr protein kinase family. This protein may play a role in cell cycle regulation during anaphase and/or telophase by being involved in microtubule formation and/or stabilization. Some recent evidence revealed that AURKA may 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.

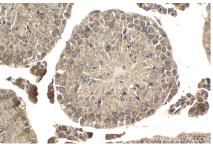
Synonyms

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

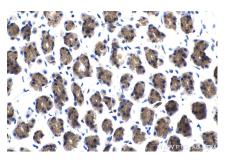
For technical support and original validation data for this product please contact: T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data





Immunohistochemical analysis of paraffinembedded mouse testis tissue slide using KHC2064 (AURKA IHC Kit).



Immunohistochemical analysis of paraffinembedded rat stomach tissue slide using KHC2064 (AURKA IHC Kit).

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