

**(** Tel: 400-999-8863 **(** Emall:Upingbio.163.com



## Aurora A Rabbit pAb

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Reactivity Human; Mouse;Rat  Applications IHC;WB  Gene Name AURKA AIK AIRK1 ARK1 AURA AYK1 BTAK IAK1 STK15 STK6  Protein Name Aurora A  Immunogen Synthesized peptide derived from human Aurora A AA range: 65-115  Specificity This antibody detects endogenous levels of Aurora A at Human, Mouse,Rat  Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.20% sodium azide.  Source Polyclonal, Rabbit,IgG  Purification The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.  Dilution IHC-p1:50-200 ,WB 1:1000-2000  Concentration 1 mg/ml  Purity ≥90%  Storage Stability -20°C/1 year  Synonyms Aurora kinase A (EC 2.7.11.1) (Aurora 2) (Aurora/IPL1-related kinase 1) (ARK-1) (Aurora-related kinase 1) (InARK1) (Breast tumor-amplified kinase) (Serine/threonine-protein kinase 15) (Serine/threonine-protein kinase 6) (Serine/threonine-protein kinase aurora-A)  Observed Band 46kD  Cell Pathway Cytoskeleton, spindle pole. Cytoplasm, cytoskeleton, cilium basal body, Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Cytoplasm, cytoskeleton, spindle pole. Cytoplasm, cytoskeleton, cilium basal body. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome, centriole. Cell projection, neuron projection. Detected at the neurite hillock in developing neurons (By similarity). Localizes at the centrosome (PubMed:22014574). Moves to the midbody during both telophase and cytokinesis (PubMed:212255229). Colocalized with SIRT2 at centrosome (PubMed:22014574). Moves to the midbody during both telophase and cytokinesis (PubMed:17726514). Associates with both the pericentriolar material (PCM) and centrioles (PubMed:21014574). Hoe calization to the spindle pole worses et ali lines.	Catalog No	YP-Ab-10313
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Function	Tissue Specificity	
	Function	



## UpingBio technology Co.,Ltd

📞 Tel: 400-999-8863 🗷 Emall:Upingbio.163.com



Background

Aurora A(AURKA) Homo sapiens 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.

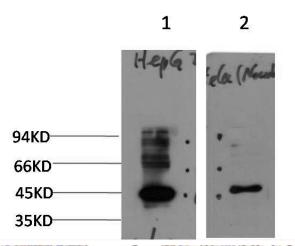
matters needing attention

Avoid repeated freezing and thawing!

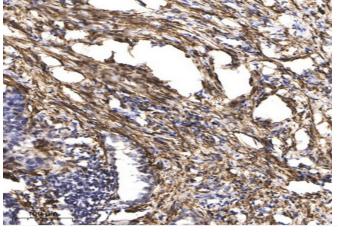
**Usage suggestions** 

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## **Products Images**



Western blot analysis of 1)HepG2 Cell, 2) Hela Cells treated with Nocodazole using Rabbit pAb diluted at 1:2,000.



Immunohistochemical analysis of paraffin-embedded human Squamous cell carcinoma of lung. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).