

For Research Use Only

AURKA Polyclonal antibody

Catalog Number: 28371-1-AP



Basic Information

Catalog Number: 28371-1-AP	GenBank Accession Number: BC002499	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 1400 µg/ml by Nanodrop;	GeneID (NCBI): 6790	Recommended Dilutions: WB 1:500-1:1000 IF 1:200-1:800
Source: Rabbit	Full Name: aurora kinase A	
Isotype: IgG	Calculated MW: 46 kDa	
Immunogen Catalog Number: AG29006	Observed MW: 45-50 kDa	

Applications

Tested Applications: IF, WB, ELISA	Positive Controls: WB : HeLa cells, SW 1990 cells
Species Specificity: Human	IF : HeLa cells,

Background Information

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, migrating as a 46 kDa protein in SDS PAGE. Nuclear staining for AURKA is weak or nonexistent in normal tissue but strong in tumor tissue(PMID:19107951).

Storage

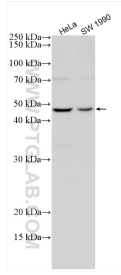
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

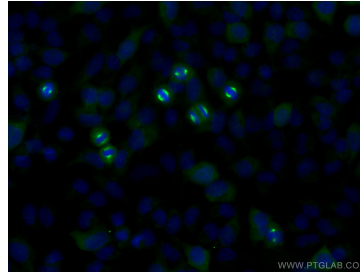
For technical support and original validation data for this product please contact:
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 28371-1-AP (AURKA antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using AURKA antibody (28371-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).