

For Research Use Only

AURKA Recombinant antibody

Catalog Number: 82906-1-RR



Basic Information

Catalog Number: 82906-1-RR	GenBank Accession Number: BC002499	Purification Method: Protein A purification
Size: 100ul , Concentration: 800 µg/ml by Nanodrop;	GeneID (NCBI): 6790	CloneNo.: 230087H3
Source: Rabbit	Full Name: aurora kinase A	Recommended Dilutions: WB 1:1000-1:8000
Isotype: IgG	Calculated MW: 46 kDa	
Immunogen Catalog Number: AG0362	Observed MW: 46 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : K-562 cells, MCF-7 cells, HeLa cells
Species Specificity: Human	

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

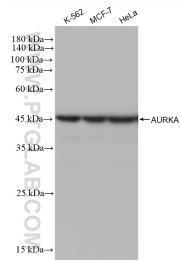
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1%BSA**

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 82906-1-RR (AURKA antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.