

For Research Use Only

AURKA Recombinant antibody, PBS Only



Catalog Number: 82906-1-PBS

Basic Information

Catalog Number: 82906-1-PBS	GenBank Accession Number: BC002499	Purification Method: Protein A purification
Size: 1mg/ml	GeneID (NCBI): 6790	CloneNo.: 230087H3
Source: Rabbit	UNIPROT ID: O14965	
Isotype: IgG	Full Name: aurora kinase A	
Immunogen Catalog Number: AG0362	Calculated MW: 46 kDa	
	Observed MW: 46 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

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 -80°C.

Storage Buffer:
PBS Only

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

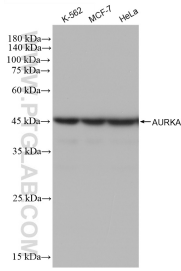
T: 4006900926

E: Proteintech-CN@ptglab.com

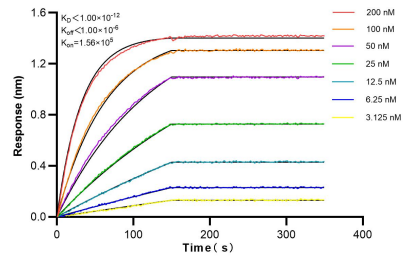
W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



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. This data was developed using the same antibody clone with 82906-1-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 82906-1-RR against Human AURKA were performed. The affinity constant is below 1 pM.