

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: 100ug , Concentration: 1mg/ml by Nanodrop;	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

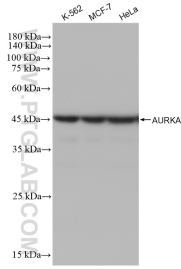
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

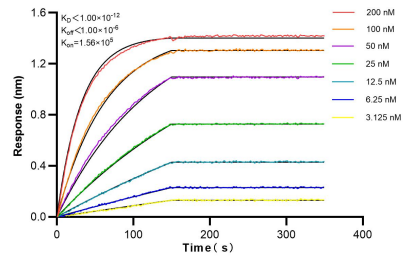
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Selected Validation Data



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. 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.