

For Research Use Only

# AURKA Recombinant antibody, PBS Only

Catalog Number: 82906-2-PBS

Featured Product



## Basic Information

Catalog Number:

82906-2-PBS

Size:

1mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG0362

GenBank Accession Number:

BC002499

GeneID (NCBI):

6790

UNIPROT ID:

O14965

Full Name:

aurora kinase A

Calculated MW:

46 kDa

Observed MW:

46-52 kDa

Purification Method:

Protein A purification

CloneNo.:

230087F7

## Applications

Tested Applications:

WB, IF/ICC, 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.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

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

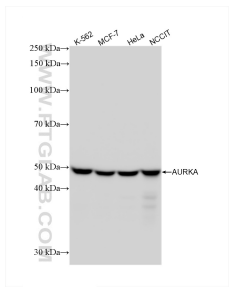
T: 4006900926

E: Proteintech-CN@ptglab.com

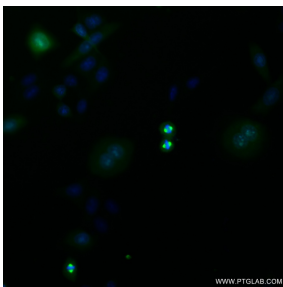
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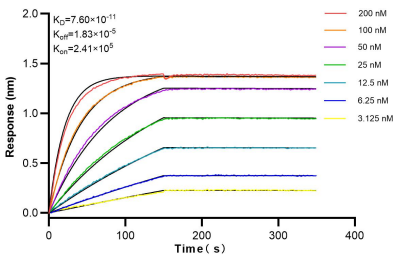
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 82906-2-RR (AURKA antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 82906-2-PBS in a different storage buffer formulation.



WB result of AURKA antibody (82906-2-RR; 1:10000; incubated at room temperature for 1.5 hours) with sh-Control and sh-AURKA transfected HEK-293 cells. This data was developed using the same antibody clone with 82906-2-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 82906-2-RR against Human AURKA were performed. The affinity constant is 76.9 pM.