

For Research Use Only

# NEK4 Polyclonal antibody, PBS Only

Catalog Number: 31389-1-PBS



## Basic Information

Catalog Number:

31389-1-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG34929

GenBank Accession Number:

BC063044

GeneID (NCBI):

6787

UNIPROT ID:

P51957

Full Name:

NIMA (never in mitosis gene a)-related kinase 4

Calculated MW:

781 aa, 88 kDa

Observed MW:

95-100 kDa

Purification Method:

Antigen affinity Purification

## Applications

Tested Applications:

WB, IHC, Indirect ELISA

Species Specificity:

human, mouse

## Background Information

Neks (NIMA-related kinases) are a group of serine-threonine kinases that are related to NIMA, their ortholog from *Aspergillus nidulans*, which is essential for cells to enter in mitosis. NEK4 was initially identified as STK2, from serine/threonine kinase 2, in a study using a kinase specific cDNA library from human breast cancer tumors or breast cancer cells.

## 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:

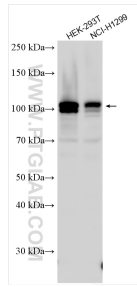
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

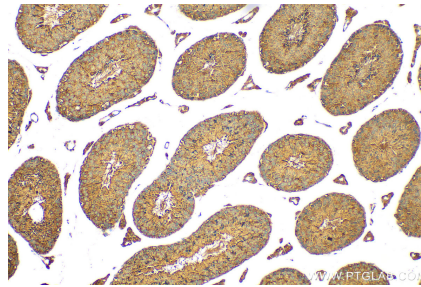
W: [ptgcn.com](http://ptgcn.com)

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

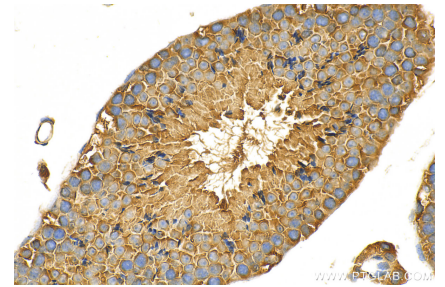
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 31389-1-AP (NEK4 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 31389-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 31389-1-AP (NEK4 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 31389-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 31389-1-AP (NEK4 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 31389-1-PBS in a different storage buffer formulation.