

For Research Use Only

# KPNA3 Monoclonal antibody, PBS Only



Catalog Number: 67892-1-PBS

Featured Product

## Basic Information

Catalog Number:

67892-1-PBS

Size:

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

Source:

Mouse

Isotype:

IgG2a

Immunogen Catalog Number:

AG27767

GenBank Accession Number:

BC017355

GeneID (NCBI):

3839

UNIPROT ID:

O00505

Full Name:

karyopherin alpha 3 (importin alpha 4)

Calculated MW:

58 kDa

Observed MW:

58 kDa

Purification Method:

Protein A purification

CloneNo.:

1D3D2

## Applications

Tested Applications:

WB, IHC, ELISA

Species Specificity:

Human, rat, mouse

## Background Information

karyopherin subunit alpha 3 (KPNA3) is a member of the importin alpha family which can transport molecules between the nucleus and cytoplasm. It is ubiquitous expressed in brain, testis and esophagus. KPNA3 is associated with many severe diseases such as hepatocellular Carcinoma (PMID: 31417635), schizophrenia, major depression and opiate dependence (PMID: 22960338). The molecular weight of KPNA3 is about 58 kDa.

## Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only

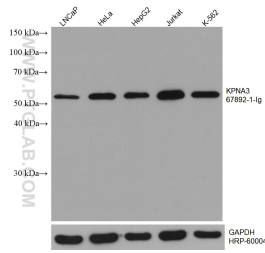
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

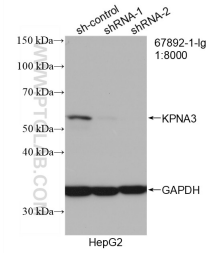
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

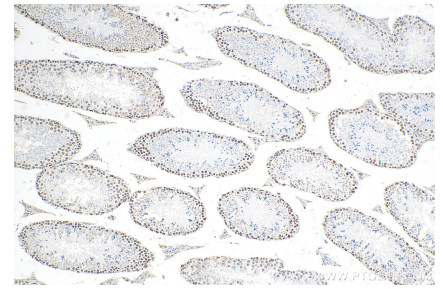
## Selected Validation Data



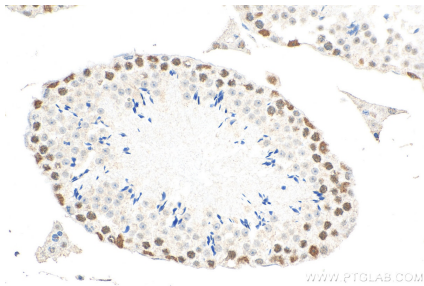
Various lysates were subjected to SDS PAGE followed by western blot with 67892-1-Ig (KPNA3 antibody) at dilution of 1:30000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control. This data was developed using the same antibody clone with 67892-1-PBS in a different storage buffer formulation.



WB result of KPNA3 antibody (67892-1-Ig; 1:8000; incubated at room temperature for 1.5 hours) with sh-Control and sh-KPNA3 transfected HepG2 cells. This data was developed using the same antibody clone with 67892-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 67892-1-Ig (KPNA3 antibody) at dilution of 1:3000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67892-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 67892-1-Ig (KPNA3 antibody) at dilution of 1:3000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67892-1-PBS in a different storage buffer formulation.