

For Research Use Only

# NUP214 Recombinant antibody, PBS Only

Catalog Number: 85161-4-PBS



## Basic Information

Catalog Number:

85161-4-PBS

Concentration:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG21377

GenBank Accession Number:

BC105998

GeneID (NCBI):

8021

UNIPROT ID:

P35658

Full Name:

nucleoporin 214kDa

Calculated MW:

2080 aa, 213 kDa

Observed MW:

250 kDa

Purification Method:

Protein A purification

CloneNo.:

242782H2

## Applications

Tested Applications:

WB, IHC, Indirect ELISA

Species Specificity:

human, mouse

## Background Information

NUP214 is also known as CAN and is an FG nucleoporin anchored to the cytoplasmic ring of the nuclear pore complex (NPC) and forms a subcomplex with nucleoporin NUP88. NUP214 is a component of the NPC with a key role in protein and mRNA nuclear export. NUP214 is a target for chromosomal translocations involved in leukemogenesis (PMID: 17264208, 30669574). NUP214 is expressed in thymus, spleen, bone marrow, kidney, brain, and testis, but hardly in all other tissues or in whole embryos during development. The observed molecular weight of NUP214 is 250 kDa, which is consistent with the description in the literature (PMID: 12191473).

## 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, pH7.3

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

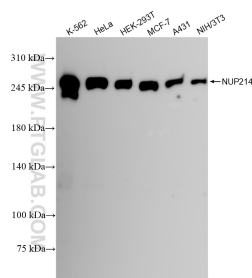
T: 4006900926

E: Proteintech-CN@ptglab.com

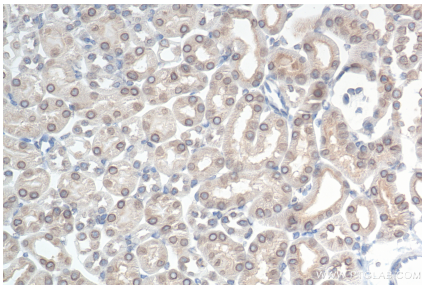
W: ptgcn.com

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85161-4-RR (NUP214 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85161-4-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 85161-4-RR (NUP214 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 85161-4-PBS in a different storage buffer formulation.