

For Research Use Only

# NUP205 Polyclonal antibody

Catalog Number: 24439-1-AP

9 Publications



## Basic Information

### Catalog Number:

24439-1-AP

### Size:

150ul, Concentration: 500 ug/ml by Nanodrop;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG19832

### GenBank Accession Number:

BC136624

### GeneID (NCBI):

23165

### UNIPROT ID:

Q92621

### Full Name:

nucleoporin 205kDa

### Calculated MW:

2012 aa, 228 kDa

### Observed MW:

205 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:2000-1:10000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IHC 1:20-1:200

## Applications

### Tested Applications:

WB, IP, IHC, ELISA

### Cited Applications:

WB, IHC, IF, CoIP

### Species Specificity:

human

### Cited Species:

human, mouse

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

### Positive Controls:

WB : HEK-293T cells, Jurkat cells, HeLa cells

IP : HeLa cells,

IHC : human stomach tissue,

## Background Information

NUP205, also named as C7orf14 and KIAA0225, is a 205 kDa nucleoporin. It plays a role in the nuclear pore complex (NPC) assembly and/or maintenance.

## Notable Publications

Author	Pubmed ID	Journal	Application
Emmanuelle Steib	36313808	Cell Rep Methods	IF
Meng Han	30488537	Hum Mutat	WB
Marine H Laporte	35027766	Nat Methods	IF

## Storage

### Storage:

Store at -20°C. Stable for one year after shipment.

### Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

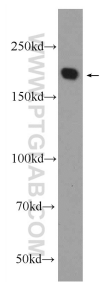
For technical support and original validation data for this product please contact:

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

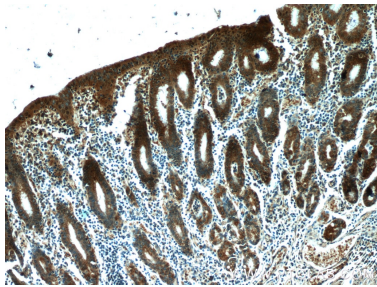
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

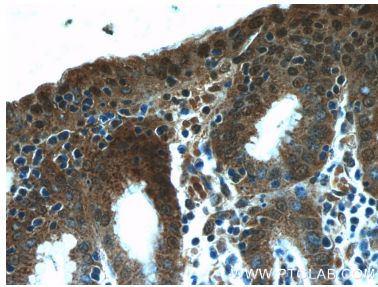
Selected Validation Data



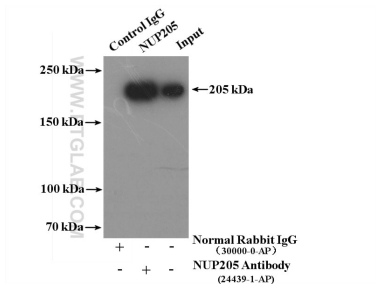
HeLa cells were subjected to SDS PAGE followed by western blot with 24439-1-AP (NUP205 Antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



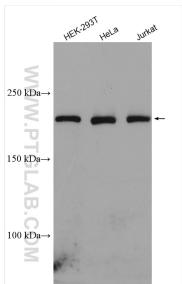
Immunohistochemical analysis of paraffin-embedded human stomach slide using 24439-1-AP (NUP205 Antibody) at dilution of 1:50.



Immunohistochemical analysis of paraffin-embedded human stomach slide using 24439-1-AP (NUP205 Antibody) at dilution of 1:50.



IP result of anti-NUP205 (IP:24439-1-AP, 4ug; Detection:24439-1-AP 1:1500) with HeLa cells lysate 4000ug.



Various lysates were subjected to SDS PAGE followed by western blot with 24439-1-AP (NUP205 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.