

For Research Use Only

# IPO11 Polyclonal antibody

Catalog Number: 14403-1-AP

Featured Product

5 Publications



## Basic Information

### Catalog Number:

14403-1-AP

### Size:

150ul, Concentration: 300 ug/ml by Nanodrop and 287 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG5659

### GenBank Accession Number:

BC033776

### GeneID (NCBI):

51194

### UNIPROT ID:

Q9UI26

### Full Name:

importin 11

### Calculated MW:

113 kDa

### Observed MW:

112 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:1000

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

IHC 1:50-1:500

IF/ICC 1:200-1:800

## Applications

### Tested Applications:

WB, IHC, IF/ICC, IP, ELISA

### Cited Applications:

WB, IHC, IF

### Species Specificity:

human, mouse, rat

### 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 : human testis tissue,

IP : mouse testis tissue,

IHC : human colon cancer tissue,

IF/ICC : HeLa cells,

## Background Information

Importins are members of a family of transport receptors (karyopherins) that mediate the nucleocytoplasmic transport of protein and RNA cargoes. Importin-11, is a nuclear import receptor for the ubiquitin-conjugating enzyme, UbcM2.

## Notable Publications

Author	Pubmed ID	Journal	Application
Yang Gu	34649567	Mol Cancer	WB,IF
Ruona Shi	34774773	Genomics Proteomics Bioinformatics	WB
Junjie Zhao	29602637	Urol Oncol	WB,IHC

## 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

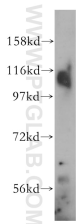
For technical support and original validation data for this product please contact:

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

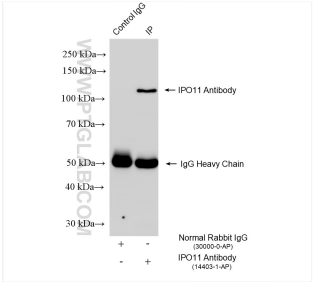
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

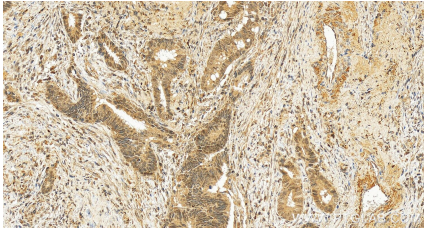
Selected Validation Data



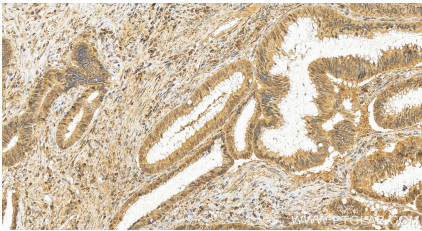
human testis tissue were subjected to SDS PAGE followed by western blot with 14403-1-AP (IPO 11 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



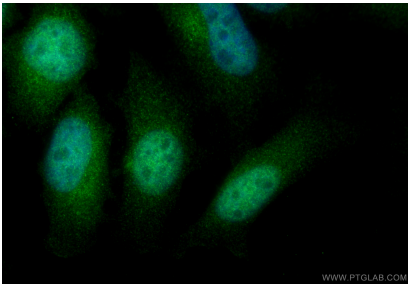
IP result of anti-IPO 11 (IP:14403-1-AP, 4ug; Detection:14403-1-AP 1:1000) with mouse testis tissue lysate 2400 ug.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 14403-1-AP (IPO 11 antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 14403-1-AP (IPO 11 antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using IPO 11 antibody (14403-1-AP) at dilution of 1:400 and Multi-rAb Coralite ® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002).