

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 µg/ml by  
Nanodrop and 287 µg/ml by Bradford  
method using BSA as the standard;

Source:  
Rabbit

Isotype:  
IgG

Immunogen Catalog Number:  
AG5659

GenBank Accession Number:  
BC033776

GeneID (NCBI):  
51194

Full Name:  
importin 11

Calculated MW:  
113 kDa

Observed MW:  
112 kDa

Purification Method:  
Antigen affinity purification

Recommended Dilutions:  
WB 1:500-1:3000  
IP 0.5-4.0 ug for IP and 1:500-1:1000  
for WB  
IHC 1:20-1:200  
IF 1:50-1:500

## Applications

Tested Applications:  
IF, IHC, IP, WB, ELISA

Cited Applications:  
IF, IHC, WB

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 lung cancer tissue,

IF: 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)

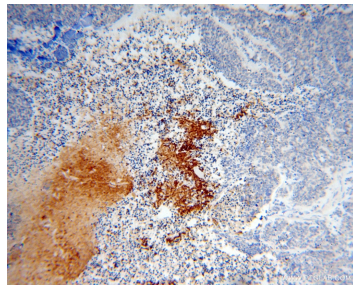
E: proteintech@ptglab.com  
W: ptglab.com

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

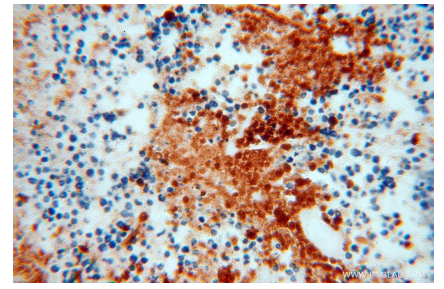
## Selected Validation Data



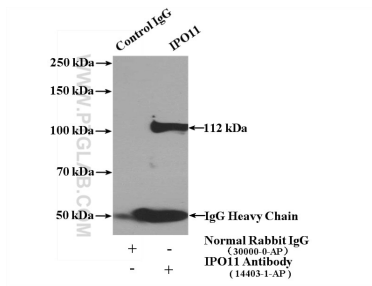
human testis tissue were subjected to SDS PAGE followed by western blot with 14403-1-AP (IPO11 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



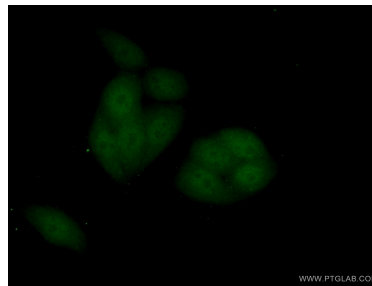
Immunohistochemical analysis of paraffin-embedded human lung cancer using 14403-1-AP (IPO11 antibody) at dilution of 1:100 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human lung cancer using 14403-1-AP (IPO11 antibody) at dilution of 1:100 (under 40x lens).



IP Result of anti-IPO11 (IP:14403-1-AP, 4ug; Detection:14403-1-AP 1:500) with mouse testis tissue lysate 4000ug.



Immunofluorescent analysis of (10% Formaldehyde) fixed HeLa cells using 14403-1-AP (IPO11 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).