

For Research Use Only

# UNC45A Polyclonal antibody

Catalog Number: 15479-1-AP

Featured Product

5 Publications



## Basic Information

**Catalog Number:**

15479-1-AP

**Size:**

550 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG7790

**GenBank Accession Number:**

BC006214

**GeneID (NCBI):**

55898

**UNIPROT ID:**

Q9H3U1

**Full Name:**

unc-45 homolog A (C. elegans)

**Calculated MW:**

103 kDa

**Observed MW:**

100 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:500-1:2000

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

IHC 1:20-1:200

IF 1:10-1:100

## Applications

**Tested Applications:**

IF/ICC, IHC, IP, WB, ELISA

**Cited Applications:**

WB, IP, IF, IHC, ELISA

**Species Specificity:**

human, mouse, rat

**Cited Species:**

fish, human

**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 : A549 cells, HeLa cells

IP : HeLa cells,

IHC : human cervix tissue,

IF : HepG2 cells,

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Judd F Hultquist	27783955	Cell Rep	WB
Ashley Mooneyham	30322860	Mol Cancer Res	IHC
Lihong Ge	33233133	Food Res Int	ELISA

## 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

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

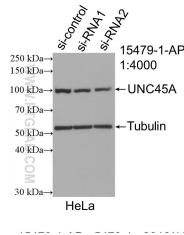
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

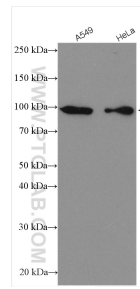
W: [ptgcn.com](http://ptgcn.com)

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

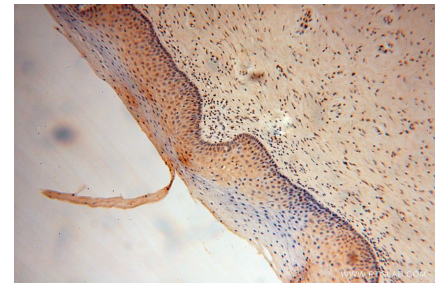
## Selected Validation Data



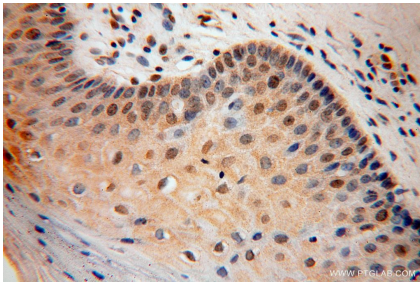
WB result of UNC45A antibody (15479-1-AP; 1:4000; incubated at room temperature for 1.5 hours) with sh-Control and sh-UNC45A transfected HeLa cells.



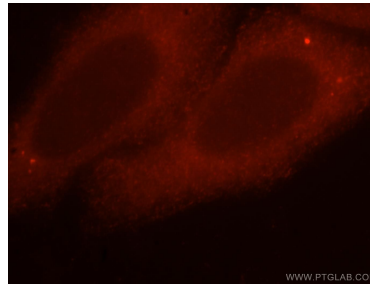
Various lysates were subjected to SDS PAGE followed by western blot with 15479-1-AP (UNC45A antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



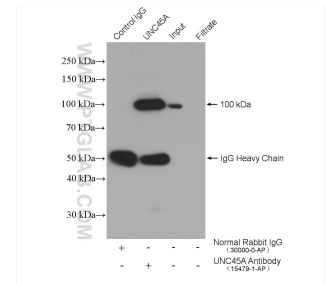
Immunohistochemical analysis of paraffin-embedded human cervix using 15479-1-AP (UNC45A antibody) at dilution of 1:100 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human cervix using 15479-1-AP (UNC45A antibody) at dilution of 1:100 (under 40x lens).



Immunofluorescent analysis of HepG2 cells, using UNC45A antibody 15479-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



IP result of anti-UNC45A (IP:15479-1-AP, 4ug; Detection:15479-1-AP 1:300) with HeLa cells lysate 1600 ug.