

For Research Use Only

# USP11 Polyclonal antibody

Catalog Number: 22340-1-AP

Featured Product

7 Publications



## Basic Information

### Catalog Number:

22340-1-AP

### Concentration:

750 ug/ml

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG17829

### GenBank Accession Number:

BC000350

### GeneID (NCBI):

8237

### UNIPROT ID:

P51784

### Full Name:

ubiquitin specific peptidase 11

### Calculated MW:

963 aa, 110 kDa

### Observed MW:

110 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:1000-1:6000

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

### Cited Species:

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** : Jurkat cells, A549 cells, HEK-293 cells, human testis tissue

**IP** : HEK-293 cells,

**IHC** : human breast cancer tissue, human brain tissue, human liver cancer tissue, human testis tissue

**IF/ICC** : HEK-293 cells,

## Background Information

USP11(Ubiquitin carboxyl-terminal hydrolase 11) is also named as UHX1 and belongs to the peptidase C19 family. It is a deubiquitinating enzyme that controls many intracellular processes, including cell cycle progression, transcriptional activation, and signal transduction.

## Notable Publications

Author	Pubmed ID	Journal	Application
Yan Yan	36198316	Cell	WB,IF
Sheng Zhang	29545598	Lab Invest	WB,IHC
Qi Jin	36490346	Sci Adv	WB

## Storage

### Storage:

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

### Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

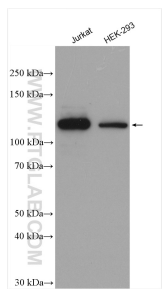
T: 4006900926

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

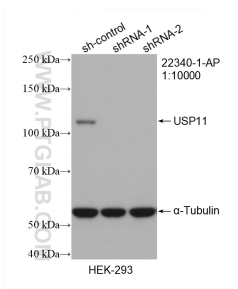
W: [ptgcn.com](http://ptgcn.com)

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

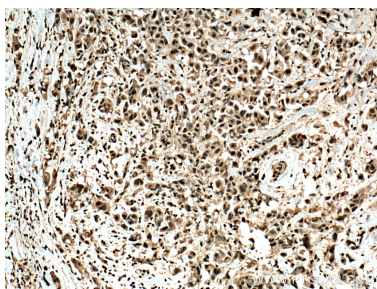
Selected Validation Data



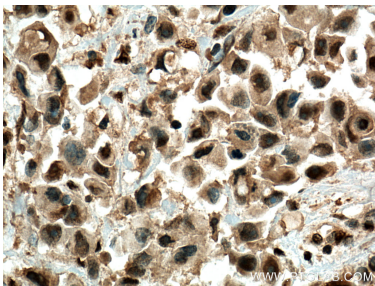
Various lysates were subjected to SDS PAGE followed by western blot with 22340-1-AP (USP11 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



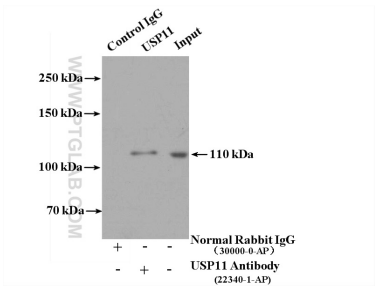
WB result of USP11 antibody (22340-1-AP; 1:10000; incubated at room temperature for 1.5 hours) with sh-Control and sh-USP11 transfected HEK-293 cells.



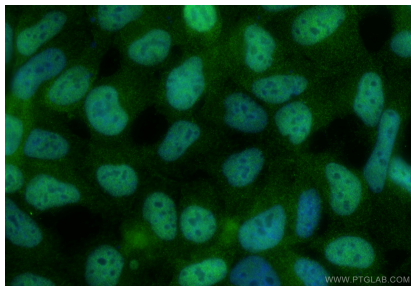
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 22340-1-AP (USP11 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 22340-1-AP (USP11 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP result of anti-USP11 (IP:22340-1-AP, 4ug; Detection:22340-1-AP 1:2000) with HEK-293 cells lysate 2400ug.



Immunofluorescent analysis of (4% PFA) fixed HEK-293 cells using USP11 antibody (22340-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).