

For Research Use Only

# USP11 Polyclonal antibody

Catalog Number:10244-1-AP

Featured Product

11 Publications



## Basic Information

### Catalog Number:

10244-1-AP

### Size:

150ul , Concentration: 700 ug/ml by Nanodrop and 400 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG0296

### GenBank Accession Number:

BC000350

### GeneID (NCBI):

8237

### UNIPROT ID:

P51784

### Full Name:

ubiquitin specific peptidase 11

### Calculated MW:

963 aa, 110 kDa

### Observed MW:

100-110 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

## Applications

### Tested Applications:

WB, IP, IHC, ELISA

### Cited Applications:

WB, IHC, IP

### 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 : Jurkat cells, HEK-293 cells, human testis tissue

IP : HEK-293 cells,

IHC : human colon cancer tissue,

## Background Information

USP11(Ubiquitin carboxyl-terminal hydrolase 11), also named as UHX1, is a deubiquitinating enzyme controlling many intracellular processes, including cell cycle progression, transcriptional activation, and signal transduction. There are four bands of 120 kDa, 55 kDa, 50 kDa and 44 kDa to be detected in HeLa extract by western blot and the smaller proteins may be degradation products, some other spliced products could possibly correspond to the smaller proteins and possess functions(PMID:12084015). This protein belongs to the peptidase C19 family.

## Notable Publications

Author	Pubmed ID	Journal	Application
Marek Adamowicz	34811483	Nat Cell Biol	WB
Lijun Qiao	34044068	Cancer Lett	WB,IHC
Changmao Zhang	32509388	Am J Cancer Res	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, pH7.3

Aliquoting is unnecessary for -20°C storage

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

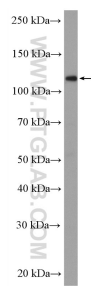
For technical support and original validation data for this product please contact:

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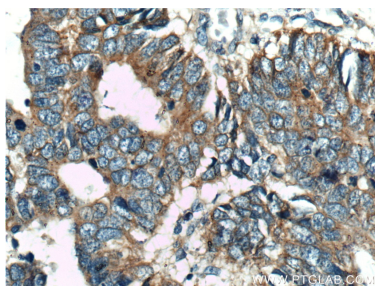
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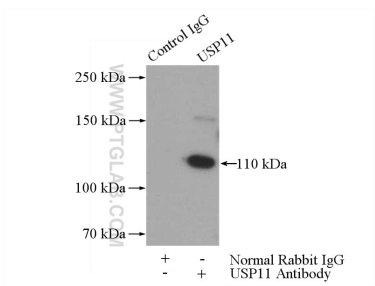
Selected Validation Data



Jurkat cells were subjected to SDS PAGE followed by western blot with 10244-1-AP (USP11 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 10244-1-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:10244-1-AP, 4ug; Detection:10244-1-AP 1:300) with HEK-293 cells lysate 1480ug.