

For Research Use Only

# USP10 Polyclonal antibody

Catalog Number: 19374-1-AP

Featured Product

12 Publications



## Basic Information

### Catalog Number:

19374-1-AP

### Size:

150ul, Concentration: 240 µg/ml by Nanodrop and 193 µg/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG7233

### GenBank Accession Number:

BC000263

### GeneID (NCBI):

9100

### Full Name:

ubiquitin specific peptidase 10

### Calculated MW:

87 kDa, 92 kDa

### Observed MW:

100-130 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:1000

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

IF 1:50-1:500

## Applications

### Tested Applications:

IF, IP, WB, ELISA

### Cited Applications:

CoIP, IF, IHC, IP, WB

### Species Specificity:

human, mouse, rat

### Cited Species:

human, mouse

### Positive Controls:

WB : MCF-7 cells, HEK-293 cells

IP : HeLa cells,

IF : HEK-293 cells,

## Background Information

USP10, also named as USP32 and NY-REN-60, belongs to the peptidase C19 family. The deubiquitinating protease USP10 has been identified as a new regulator of p53 in the DNA damage response and tumor development.

## Notable Publications

Author	Pubmed ID	Journal	Application
Brian D Freibaum	33502444	J Cell Biol	IF
Libo Liu	33982778	Int J Mol Med	IF, WB
Li-Bo Liu	35727596	Br J Pharmacol	WB

## 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

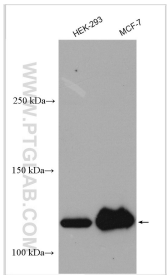
For technical support and original validation data for this product please contact:

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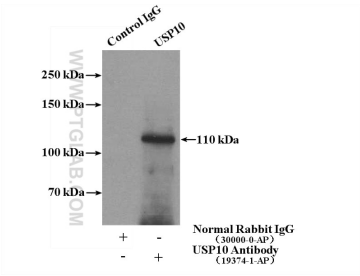
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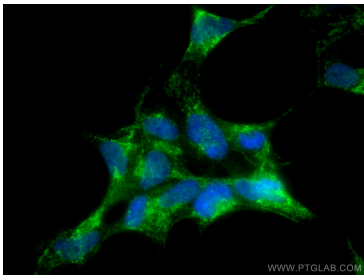
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 19374-1-AP (USP10 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



IP Result of anti-USP10 (IP:19374-1-AP, 4ug; Detection:19374-1-AP 1:500) with HeLa cells lysate 3200ug.



Immunofluorescent analysis of (4% PFA) fixed HEK-293 cells using USP10 antibody (19374-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).