

For Research Use Only

# USP8 Polyclonal antibody

Catalog Number: 27791-1-AP

Featured Product

8 Publications



## Basic Information

**Catalog Number:**

27791-1-AP

**Size:**

150ul, Concentration: 750 ug/ml by Nanodrop and 400 ug/ml by Bradford method using BSA as the standard;

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG27143

**GenBank Accession Number:**

BC110590

**GeneID (NCBI):**

9101

**UNIPROT ID:**

P40818

**Full Name:**

ubiquitin specific peptidase 8

**Calculated MW:**

1118 aa, 128 kDa

**Observed MW:**

128 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:2000-1:10000

IHC 1:50-1:500

## Applications

**Tested Applications:**

WB, IHC, ELISA

**Cited Applications:**

WB, IHC, IF

**Species Specificity:**

human, mouse

**Cited Species:**

human, mouse, rat

**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 : HEK-293T cells, HeLa cells, HEK-293 cells, HepG2 cells, MCF-7 cells

IHC : mouse testis tissue,

## Background Information

USP8 is thought to regulate the morphology of the endosome by ubiquitination of proteins on this organelle and is involved in cargo sorting and membrane trafficking at the early endosome stage.

## Notable Publications

| Author                   | Pubmed ID | Journal               | Application |
|--------------------------|-----------|-----------------------|-------------|
| Md. Tariqul Islam        | 36338727  | Front Oncol           | WB          |
| Beata Joanna Mossakowska | 36428684  | Cancers (Basel)       | WB          |
| Wentao An                | 31046799  | J Exp Clin Cancer Res |             |

## 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

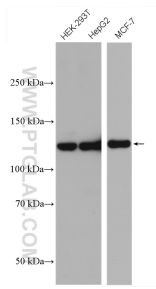
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

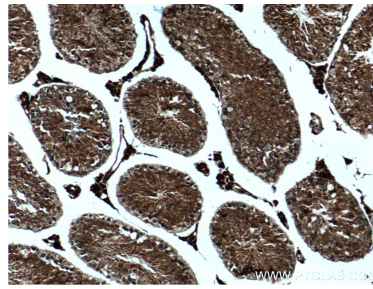
E: proteintech@ptglab.com  
W: ptglab.com

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

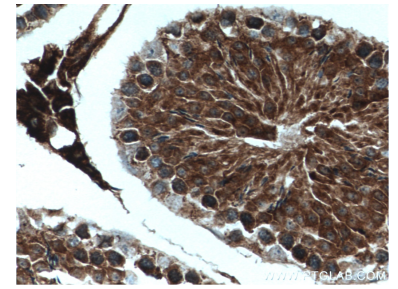
## Selected Validation Data



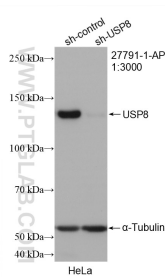
HEK-293T cells were subjected to SDS PAGE followed by western blot with 27791-1-AP (USP8 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 27791-1-AP (USP8 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 mouse testis tissue slide using 27791-1-AP (USP8 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



WB result of USP8 antibody (27791-1-AP; 1:3000; incubated at room temperature for 1.5 hours) with sh-Control and sh-USP8 transfected HeLa cells.