

For Research Use Only

# USP39 Polyclonal antibody

Catalog Number: 23865-1-AP

Featured Product

15 Publications



## Basic Information

**Catalog Number:**  
23865-1-AP

**Size:**  
150ul, Concentration: 600 µg/ml by Nanodrop and 333 µg/ml by Bradford method using BSA as the standard;

**Source:**  
Rabbit

**Isotype:**  
IgG

**Immunogen Catalog Number:**  
AG20894

**GenBank Accession Number:**  
BC067273

**GeneID (NCBI):**  
10713

**Full Name:**  
ubiquitin specific peptidase 39

**Calculated MW:**  
565 aa, 65 kDa

**Observed MW:**  
60-65 kDa

**Purification Method:**  
Antigen affinity purification

**Recommended Dilutions:**  
WB 1:1000-1:4000  
IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate  
IHC 1:50-1:500  
IF 1:10-1:100

## Applications

**Tested Applications:**  
IF, IHC, IP, WB, ELISA

**Cited Applications:**  
IF, IHC, IP, RIP, WB

**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:** K-562 cells, HEK-293 cells, HepG2 cells, HeLa cells, Jurkat cells

**IP:** K-562 cells,

**IHC:** human colon cancer tissue,

**IF:** HUVEC cells,

## Background Information

USP39 plays a role in many cellular processes including cellular antiviral response, epithelial morphogenesis, DNA repair or B-cell development.

## Notable Publications

Author	Pubmed ID	Journal	Application
Zhifeng Lin	27629785	Mol Cell Biochem	WB
Zhe Chen	28878014	J Biol Chem	WB,IP
Jian Jiang	30323969	Am J Cancer Res	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

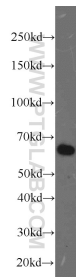
For technical support and original validation data for this product please contact:

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

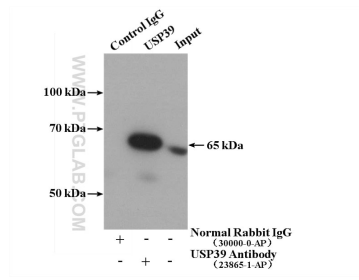
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

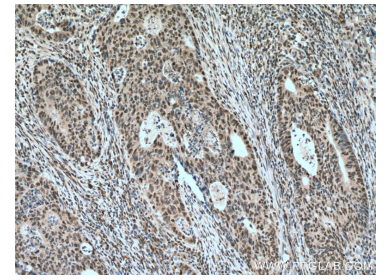
## Selected Validation Data



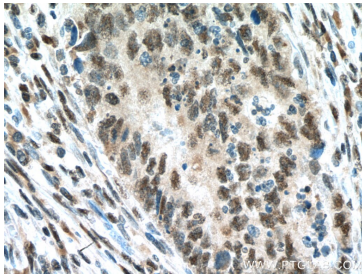
K-562 cells were subjected to SDS PAGE followed by western blot with 23865-1-AP (USP39 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



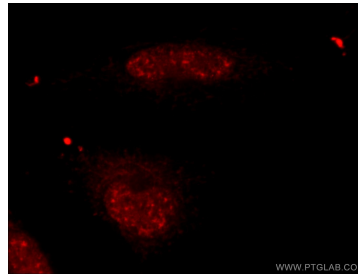
IP Result of anti-USP39 (IP:23865-1-AP, 4 $\mu$ g; Detection:23865-1-AP 1:1000) with K-562 cells lysate 3200 $\mu$ g.



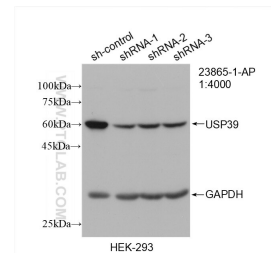
Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 23865-1-AP (USP39 antibody) at dilution of 1:200 (under 10 $\times$  lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



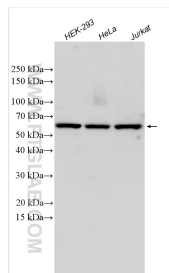
Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 23865-1-AP (USP39 antibody) at dilution of 1:200 (under 40 $\times$  lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of HUVEC cells using 23865-1-AP (USP39 antibody) at dilution of 1:25 and Rhodamine-Goat anti-Rabbit IgG.



WB result of USP39 antibody (23865-1-AP; 1:4000; incubated at room temperature for 1.5 hours) with sh-Control and sh-USP39 transfected HEK-293 cells.



Various lysates were subjected to SDS PAGE followed by western blot with 23865-1-AP (USP39 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.