

For Research Use Only

USP39 Polyclonal antibody

Catalog Number: 23865-1-AP

Featured Product

15 Publications



Basic Information

Catalog Number:

23865-1-AP

Size:

600 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG20894

GenBank Accession Number:

BC067273

GeneID (NCBI):

10713

UNIPROT ID:

Q53GS9

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/ICC, IHC, IP, WB, ELISA

Cited Applications:

WB, IP, IF, RIP, IHC

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. USP39 regulates apoptosis and G2/M cell cycle checkpoint in response to DNA damage by deubiquitinating and stabilizing CHK2

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

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

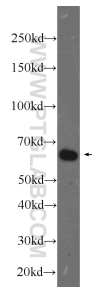
T: 4006900926

E: Proteintech-CN@ptglab.com

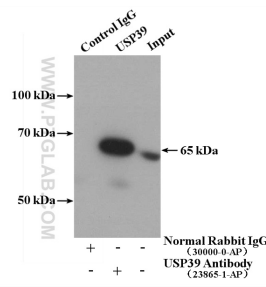
W: ptgcn.com

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

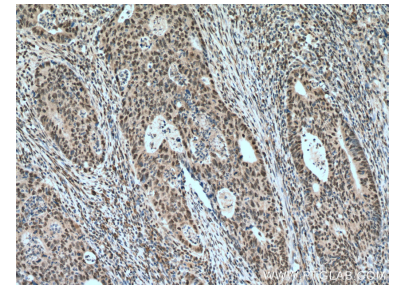
Selected Validation Data



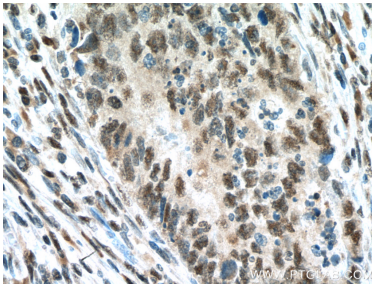
K-562 cells were subjected to SDS PAGE followed by western blot with 23865-1-AP (USP39 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



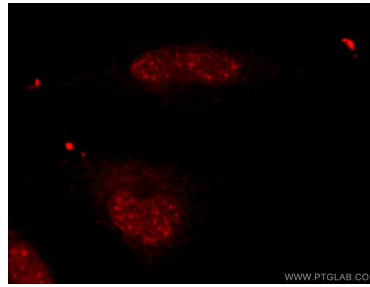
IP result of anti-USP39 (IP:23865-1-AP, 4ug; Detection:23865-1-AP 1:1000) with K-562 cells lysate 3200ug.



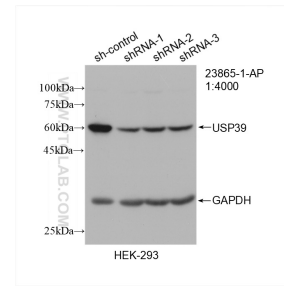
Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 23865-1-AP (USP39 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



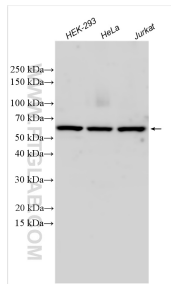
Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 23865-1-AP (USP39 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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.