

For Research Use Only

USP39 Polyclonal antibody, PBS Only

Catalog Number: 23865-1-PBS

Featured Product



Basic Information

Catalog Number:

23865-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

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

Applications

Tested Applications:

WB, IHC, IF/ICC, IP, Indirect ELISA

Species Specificity:

human

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

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

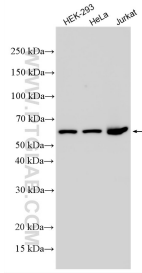
For technical support and original validation data for this product please contact:

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

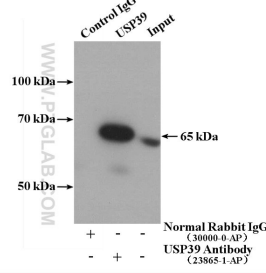
E: proteintech@ptglab.com
W: ptglab.com

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

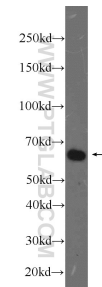
Selected Validation Data



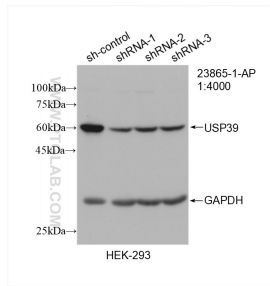
Various lysates were subjected to SDS PAGE followed by western blot with 23865-1-AP (USP39 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 23865-1-PBS in a different storage buffer formulation.



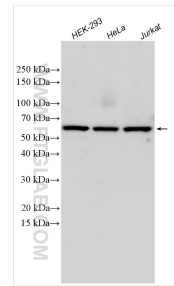
IP result of anti-USP39 (IP:23865-1-AP, 4ug; Detection:23865-1-AP 1:1000) with K-562 cells lysate 3200ug. This data was developed using the same antibody clone with 23865-1-PBS in a different storage buffer formulation.



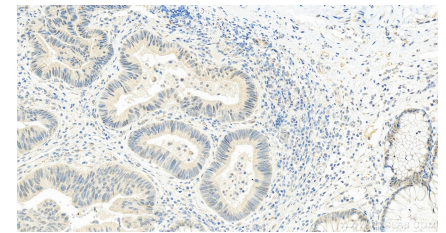
K-562 cells were subjected to SDS PAGE followed by western blot with 23865-1-AP (USP39 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 23865-1-PBS in a different storage buffer formulation.



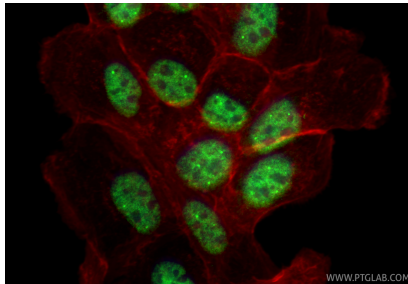
WB result of USP39 antibody (23865-1-AP; 1:4000; incubated at room temperature for 1.5 hours) with sh-Control and sh-USP39 transfected HEK-293 cells. This data was developed using the same antibody clone with 23865-1-PBS in a different storage buffer formulation.



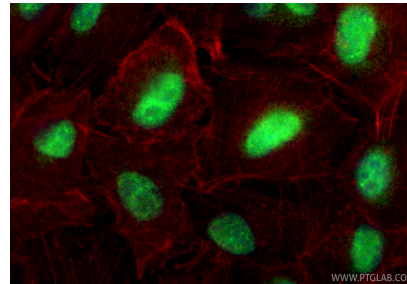
Various lysates were subjected to SDS PAGE followed by western blot with 23865-1-AP (USP39 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 23865-1-PBS in a different storage buffer formulation.



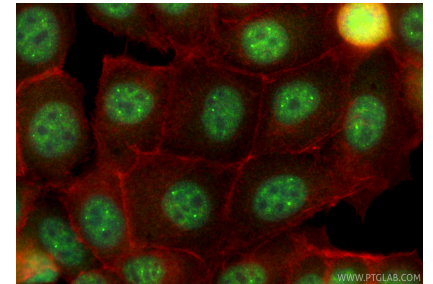
Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 23865-1-AP (USP39 antibody) at dilution of 1:1200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 23865-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed A431 cells using USP39 antibody (23865-1-AP) at dilution of 1:200 and Coralite@488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red). This data was developed using the same antibody clone with 23865-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed A549 cells using USP39 antibody (23865-1-AP) at dilution of 1:200 and Coralite@488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red). This data was developed using the same antibody clone with 23865-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed MCF-7 cells using USP39 antibody (23865-1-AP) at dilution of 1:200 and Coralite@488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red). This data was developed using the same antibody clone with 23865-1-PBS in a different storage buffer formulation.