

For Research Use Only

USP19 Polyclonal antibody

Catalog Number: 25768-1-AP

Featured Product

11 Publications



Basic Information

Catalog Number:

25768-1-AP

Size:

650 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG22646

GenBank Accession Number:

BC146752

GeneID (NCBI):

10869

UNIPROT ID:

O94966

Full Name:

ubiquitin specific peptidase 19

Calculated MW:

1318 aa, 146 kDa

Observed MW:

70 kDa, 120 kDa, 150-180 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:3000

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

Applications

Tested Applications:

IP, WB, ELISA

Cited Applications:

WB, IP, IF, IHC, CoIP

Species Specificity:

human

Cited Species:

human

Positive Controls:

WB : HeLa cells, MCF-7 cells, Jurkat cells, MDA-MB-231 cells

IP : Jurkat cells,

Background Information

Ubiquitin-specific protease (USP)19 is a recently identified deubiquitinating enzyme (DUB) having multiple splice variants and cellular functions. Since the sum of molecular weights of the two small bands (65 kDa+120 kDa) approximates the size of the full-length protein (~185 kDa), USP19 is likely to be endoproteolytically cleaved. Interestingly, the small bands were not observed when the DUB activity was inactivated, suggesting that the cleavage of USP19 depends on its DUB activity (PMID: 25088257).

Notable Publications

Author	Pubmed ID	Journal	Application
Arun Pandian Chandrasekaran	34815782	Theranostics	WB
Peiyuan Chai	33978709	J Cell Biol	WB
Xiaofei Zhang	28190767	Mol Cell	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:

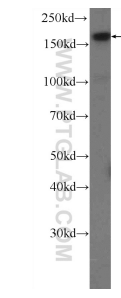
T: 4006900926

E: Proteintech-CN@ptglab.com

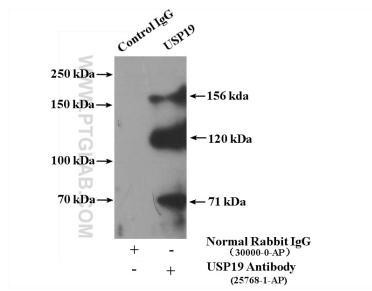
W: ptgcn.com

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

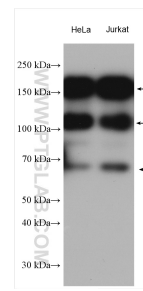
Selected Validation Data



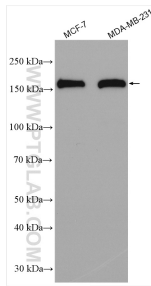
Jurkat cells were subjected to SDS PAGE followed by western blot with 25768-1-AP (USP19 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



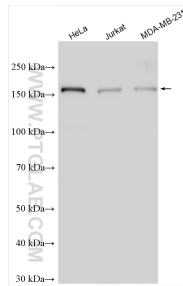
IP result of anti-USP19 (IP:25768-1-AP, 4ug; Detection:25768-1-AP 1:500) with Jurkat cells lysate 2400ug.



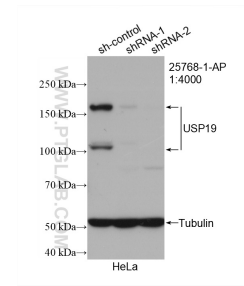
Various lysates were subjected to SDS PAGE followed by western blot with 25768-1-AP (USP19 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 25768-1-AP (USP19 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 25768-1-AP (USP19 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



WB result of USP19 antibody (25768-1-AP; 1:4000; incubated at room temperature for 1.5 hours) with sh-Control and sh-USP19 transfected HeLa cells.