

For Research Use Only

USP38 Polyclonal antibody

Catalog Number: 17767-1-AP

Featured Product

8 Publications



Basic Information

Catalog Number:

17767-1-AP

Size:

600 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG12172

GenBank Accession Number:

BC068975

GeneID (NCBI):

84640

UNIPROT ID:

Q8NB14

Full Name:

ubiquitin specific peptidase 38

Calculated MW:

1042 aa, 117 kDa

Observed MW:

117 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:200-1:1000

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

Applications

Tested Applications:

WB, IP, ELISA

Cited Applications:

WB, IHC, IF, IP, CoIP

Species Specificity:

human

Cited Species:

human, mouse, rat

Positive Controls:

WB : HEK-293T cells,

IP : K-562 cells,

Background Information

Ubiquitin specific peptidase 38 (USP38) is a negative regulator of type I IFN signaling. USP38 can strongly induced the degradation of the active form of TBK1 after viral infection. USP38 may play a critical role in the maintenance of the balance between innate immune responses and tolerance through dynamic ubiquitin editing of TBK1 in response to viral infection and perhaps other infectious diseases or cancer. (PMID:27692986)

Notable Publications

Author	Pubmed ID	Journal	Application
Siyuan Chen	30224386	J Exp Med	WB
Wei Zhan	32404892	Oncogenesis	IHC, WB, CoIP
Zhi Zheng	35812059	Am J Cancer Res	WB, IHC, IP

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:

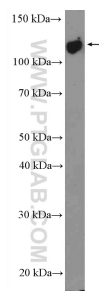
T: 4006900926

E: Proteintech-CN@ptglab.com

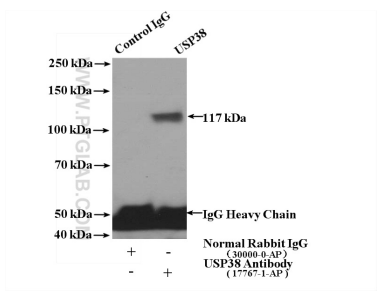
W: ptgcn.com

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Selected Validation Data



HEK-293T cells were subjected to SDS PAGE followed by western blot with 17767-1-AP (USP38 Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



IP result of anti-USP38 (IP:17767-1-AP, 4ug; Detection:17767-1-AP 1:500) with K-562 cells lysate 3200ug.