

For Research Use Only

# USP38 Polyclonal antibody

Catalog Number: 17767-1-AP

Featured Product

4 Publications



## Basic Information

**Catalog Number:**  
17767-1-AP

**Size:**  
150ul, Concentration: 600 µg/ml by Nanodrop and 300 µg/ml by Bradford method using BSA as the standard;

**Source:**  
Rabbit

**Isotype:**  
IgG

**Immunogen Catalog Number:**  
AG12172

**GenBank Accession Number:**  
BC068975

**GeneID (NCBI):**  
84640

**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 IP and 1:500-1:1000 for WB

## Applications

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

**Cited Applications:**  
CoIP, IHC, IP, WB

**Species Specificity:**  
human, mouse, rat

**Cited Species:**  
human, mouse

**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

\*\*\* 20ul sizes contain 0.1% BSA

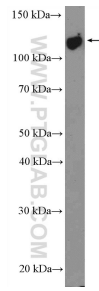
For technical support and original validation data for this product please contact:

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

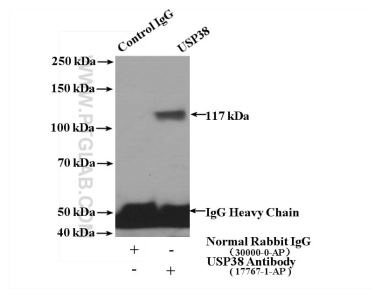
E: proteintech@ptglab.com  
W: ptglab.com

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

## Selected Validation Data



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.