

Nur für Forschungszwecke

USP14 Polyklonaler Antikörper

Katalog-Nr.:14517-1-AP

Vorgestelltes Produkt

11 Publikationen



Allgemeine Informationen

Katalog-Nr.:
14517-1-AP

Größe:
150ul, Konzentration: 300 µg/ml von
Nanodrop und 233 µg/ml durch die
Bradford-Methode mit BSA als
Standard;

Wirt:
Kaninchen

Isotyp:
IgG

Immunogen Katalognummer:
AG5979

GenBank-Zugangsnummer:
BC003556

GeneID (NCBI):
9097

Vollständiger Name:
ubiquitin specific peptidase 14 (tRNA-
guanine transglycosylase)

Berechnete Masse:
54 kDa

Beobachtete Masse:
52-60 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:2000-1:18000

IP 0.5-4.0 µg für IP und 1:500-1:2000

für WB

IF 1:10-1:100

Anwendungen

Geprüfte Anwendungen:

FC, IF, IP, WB, ELISA

In Publikationen genannte Anwendungen:

IF, IHC, IP, WB

Getestete Reaktivität:

Human, Maus, Ratte

Zitierte Arten:

Hausschwein, Human, Maus

Positivkontrollen:

WB : DU 145-Zellen, HEK-293T-Zellen, HEK-293-Zellen,
HeLa-Zellen, Mausherzgewebe, Neuro-2a-Zellen,
SKOV-3-Zellen

IP : Mauslebergewebe,

IF : HepG2-Zellen,

Hintergrundinformationen

USP14(Ubiquitin carboxyl-terminal hydrolase 14) is also named as TGT and belongs to the peptidase C19 family. Mammalian USP14 is unique among known UBP enzymes in that it is activated catalytically upon specific association with the 26S proteasome. USP14 inhibition accelerated the degradation of oxidized proteins and enhanced resistance to oxidative stress. This protein has a 45-kDa catalytic domain (PMID:16211010).

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Ying Fu	30296012	Cancer Med	WB,IHC
Jill E Hunter	36240066	Biochem J	WB
Sheng-Li Ming	34822318	Autophagy	WB,IF,IP

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

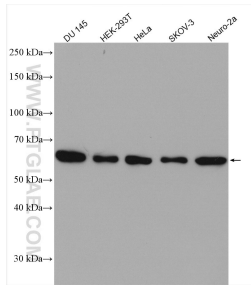
For technical support and original validation data for this product please contact:

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

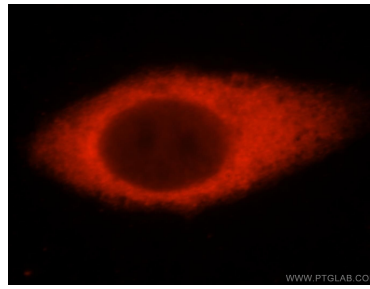
E: proteintech@ptglab.com
W: ptglab.com

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

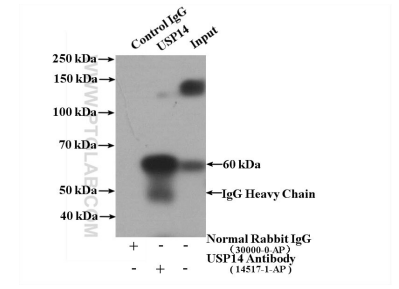
Ausgewählte Validierungsdaten



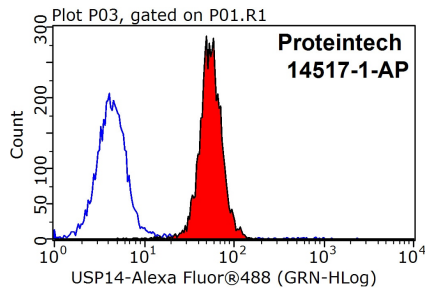
Various lysates were subjected to SDS PAGE followed by western blot with 14517-1-AP (USP14 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



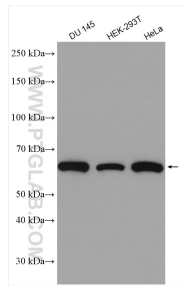
Immunofluorescent analysis of HepG2 cells, using USP14 antibody 14517-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



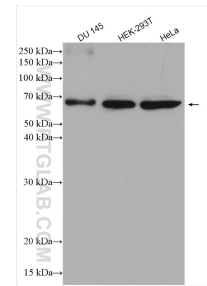
IP Result of anti-USP14 (IP:14517-1-AP, 4ug; Detection:14517-1-AP 1:1.000) with mouse liver tissue lysate 4000ug.



1X10⁶ HepG2 cells were stained with 0.2ug USP14 antibody (14517-1-AP, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1500.



Various lysates were subjected to SDS PAGE followed by western blot with 14517-1-AP (USP14 antibody) at dilution of 1:9000 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 14517-1-AP (USP14 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.