

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-USP14



Numéro de catalogue: 14517-1-AP

Phare

12 Publications

Informations de base

Numéro de catalogue:

14517-1-AP

Taille:

150ul, Concentration: 300 µg/ml by Nanodrop;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG5979

Numéro d'acquisition GenBank:

BC003556

Identification du gène (NCBI):

9097

Nom complet:

ubiquitin specific peptidase 14 (tRNA-guanine transglycosylase)

MW calculé

54 kDa

MW observés:

52-60 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:2000-1:18000

IP 0.5-4.0 ug for IP and 1:500-1:2000 for WB

IF 1:10-1:100

Applications

Applications testées:

FC, IF, IP, WB, ELISA

Demandes citées:

IF, IHC, IP, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Humain, porc, souris

Contrôles positifs:

WB : cellules DU 145, cellules HEK-293, cellules HEK-293T, cellules HeLa, cellules Neuro-2a, cellules SKOV-3, tissu cardiaque de souris

IP : tissu hépatique de souris,

IF : cellules HepG2,

Informations générales

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).

Publications notables

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

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

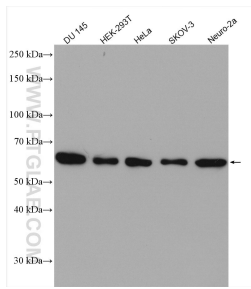
For technical support and original validation data for this product please contact:

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

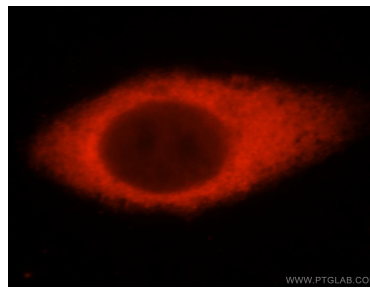
E: proteintech@ptglab.com
W: ptglab.com

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

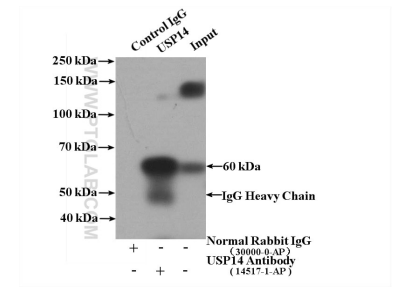
Données de validation sélectionnées



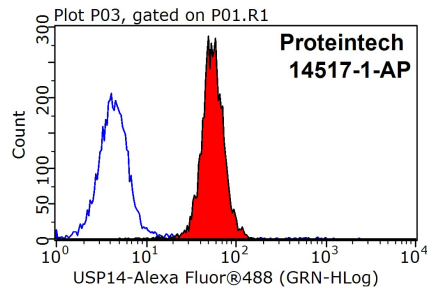
Various lysates were subjected to SDS PAGE followed by western blot with 14517-1-AP (USP14 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



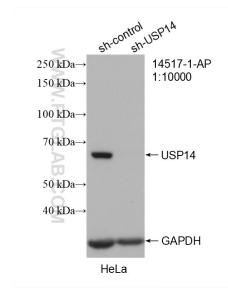
Immunofluorescent analysis of HepG2 cells, using USP14 antibody 14517-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



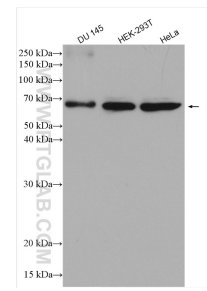
IP Result of anti-USP14 (IP:14517-1-AP, 4ug; Detection:14517-1-AP 1:1000) with mouse liver tissue lysate 4000ug.



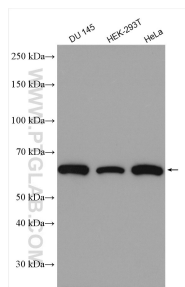
1X10⁶ HepG2 cells were stained with 0.2ug USP14 antibody (14517-1-AP, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1500.



WB result of USP14 antibody (14517-1-AP; 1:10000; incubated at room temperature for 1.5 hours) with sh-Control and sh-USP14 transfected HeLa cells.



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.



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.