

For Research Use Only

USP14 Recombinant antibody

Catalog Number: 82128-1-RR

Featured Product



Basic Information

Catalog Number: 82128-1-RR	GenBank Accession Number: BC003556	Purification Method: Protein A purification
Size: 100ul , Concentration: 400 µg/ml by Nanodrop;	GeneID (NCBI): 9097	CloneNo.: 3G12
Source: Rabbit	Full Name: ubiquitin specific peptidase 14 (tRNA-WB 1:2000-1:16000 guanine transglycosylase)	Recommended Dilutions:
Isotype: IgG	Calculated MW: 54 kDa	
Immunogen Catalog Number: AG5979	Observed MW: 60 kDa	

Applications

Tested Applications:
WB, ELISA

Species Specificity:
Human, mouse, rat

Positive Controls:

WB : HCT 116 cells, HeLa cells, HEK-293T cells, DU 145 cells, Jurkat cells, NIH/3T3 cells, C6 cells

Background Information

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.

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

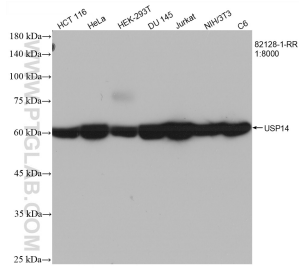
For technical support and original validation data for this product please contact:

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

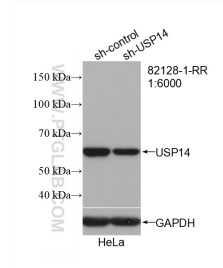
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 82128-1-RR (USP14 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



WB result of USP14 antibody (82128-1-RR; 1:6000; incubated at room temperature for 1.5 hours) with sh-Control and sh-USP14 transfected HeLa cells.