

For Research Use Only

USP48 Recombinant antibody

Catalog Number: 86523-1-RR



Basic Information

Catalog Number: 86523-1-RR	GenBank Accession Number: BC013567	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 84196	CloneNo.: 251394C2
Source: Rabbit	UNIPROT ID: Q86UV5	Recommended Dilutions: WB: 1:2000-1:10000
Isotype: IgG	Full Name: ubiquitin specific peptidase 48	
Immunogen Catalog Number: AG2749	Calculated MW: 1035 aa, 119 kDa	
	Observed MW: 120 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HeLa cells, HEK-293 cells
Species Specificity: human	

Background Information

USP48 (Ubiquitin Specific Peptidase 48) is a deubiquitinating enzyme and a member of the Ubiquitin Specific Protease (USP) family. This protein specifically recognizes and cleaves ubiquitin chains on substrate proteins, reversing the ubiquitination process, thereby regulating the stability, activity, and subcellular localization of target proteins. USP48 plays a key role in various cellular processes, including DNA damage repair, cell cycle regulation, and gene transcription. Studies have shown that USP48 is closely related to pathological processes such as cancer and neurodegenerative diseases, for example, by stabilizing transcription factors or signaling pathway proteins to influence tumor development.

Storage

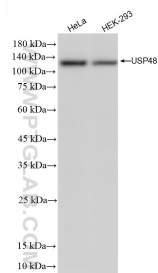
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 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
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86523-1-RR (USP48 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.