

For Research Use Only

USP36 Recombinant antibody

Catalog Number:84620-3-RR



Basic Information

Catalog Number: 84620-3-RR	GenBank Accession Number: BC038983	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 57602	CloneNo.: 241962H7
Source: Rabbit	UNIPROT ID: Q9P275	Recommended Dilutions: WB 1:2000-1:10000
Isotype: IgG	Full Name: ubiquitin specific peptidase 36	
Immunogen Catalog Number: AG6411	Calculated MW: 1123 aa, 123 kDa	
	Observed MW: 140 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HeLa cells, JurKat cells
Species Specificity: human	

Background Information

USP36(Ubiquitin carboxyl-terminal hydrolase 36) is also named as KIAA1453, FLJ12851, DUB1 and belongs to the peptidase C19 family. It regulates the transcription and processing of rRNA by deubiquitylating various proteins involved in these processes, and the aberrant nucleolar structure in its absence is secondary to deficient ribosome biogenesis. USP36 plays a crucial role in regulating the structure and function of nucleoli.(PMID:19208757). The ubiquitin-specific protease that is required in germline, epithelial, and intestinal stem cells(PMID:19039105). It has 2 isoforms produced by alternative splicing.

Storage

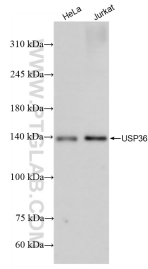
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

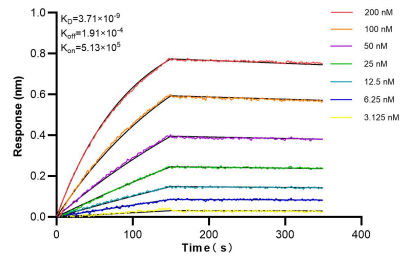
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84620-3-RR (USP36 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 84620-3-RR against Human USP36 were performed. The affinity constant is 3.71 nM.