

For Research Use Only

USP36 Recombinant antibody

Catalog Number: 84620-3-RR



Basic Information

Catalog Number:

84620-3-RR

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG6411

GenBank Accession Number:

BC038983

GeneID (NCBI):

57602

UNIPROT ID:

Q9P275

Full Name:

ubiquitin specific peptidase 36

Calculated MW:

1123 aa, 123 kDa

Observed MW:

140 kDa

Purification Method:

Protein A purification

CloneNo.:

241962H7

Recommended Dilutions:

WB 1:2000-1:10000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : HeLa cells, Jurkat cells

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

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

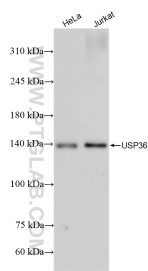
T: 4006900926

E: Proteintech-CN@ptglab.com

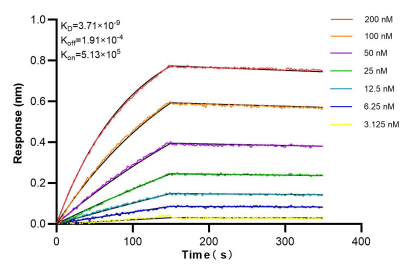
W: ptgcn.com

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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.