

For Research Use Only

# USP36 Monoclonal antibody

Catalog Number: 68165-1-Ig

Featured Product

1 Publications



## Basic Information

Catalog Number:

68165-1-Ig

GenBank Accession Number:

BC038983

Purification Method:

Protein G purification

Size:

150ul, Concentration: 1000 µg/ml by

Nanodrop;

GeneID (NCBI):

57602

CloneNo.:

1A1B3

Source:

Mouse

UNIPROT ID:

Q9P275

Recommended Dilutions:

WB 1:2000-1:10000

Isotype:

IgG1

Full Name:

ubiquitin specific peptidase 36

Immunogen Catalog Number:

AG6426

Calculated MW:

1123 aa, 123 kDa

Observed MW:

150 kDa

## Applications

Tested Applications:

WB, ELISA

Positive Controls:

WB : U2OS cells, K-562 cells, HeLa cells, A549 cells, HEK-293 cells, Jurkat cells, HSC-T6 cells, NIH/3T3 cells

Cited Applications:

WB

Species Specificity:

Human, Rat, Mouse

Cited Species:

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). USP36 can be detected in 150 kDa (PMID:33852194)

## Notable Publications

Author	Pubmed ID	Journal	Application
Gengchen Xie	38474064	Int J Mol Sci	WB

## 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

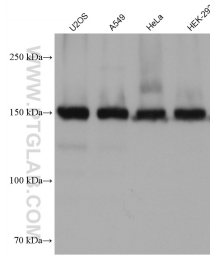
For technical support and original validation data for this product please contact:

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

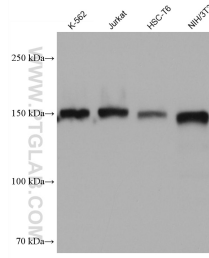
E: proteintech@ptglab.com  
W: ptglab.com

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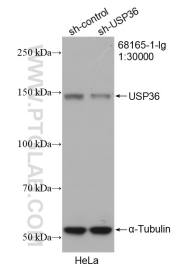
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68165-1-Ig (USP36 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



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WB result of USP36 antibody (68165-1-Ig; 1:30000; incubated at room temperature for 1.5 hours) with sh-Control and sh-USP36 transfected HeLa cells.