

For Research Use Only

# USP32 Polyclonal antibody

Catalog Number: 18838-1-AP

Featured Product

2 Publications



## Basic Information

### Catalog Number:

18838-1-AP

### Size:

150ul, Concentration: 450 ug/ml by Nanodrop and 273 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### GenBank Accession Number:

BC094680

### GeneID (NCBI):

84669

### UNIPROT ID:

Q8NFA0

### Full Name:

ubiquitin specific peptidase 32

### Calculated MW:

182 kDa

### Observed MW:

230 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:1000-1:4000

IHC 1:100-1:500

## Applications

### Tested Applications:

WB, IHC, ELISA

### Cited Applications:

WB, ColP

### Species Specificity:

human, mouse

### Cited Species:

human

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

### Positive Controls:

WB : HeLa cells, MCF-7 cells

IHC : mouse testis tissue, human pancreas tissue

## Background Information

USP32 belongs to the peptidase C19 family. USP32 catalytic the reaction :Ubiquitin C-terminal thioester + H<sub>2</sub>O = ubiquitin + a thiol.

## Notable Publications

Author	Pubmed ID	Journal	Application
Shun Gao	38176460	Biochim Biophys Acta Mol Basis Dis	WB
Heyang Zhang	36951484	Acta Biochim Biophys Sin (Shanghai)	WB, ColP

## 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

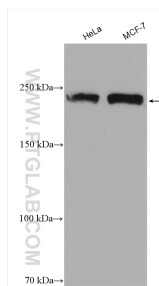
For technical support and original validation data for this product please contact:

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

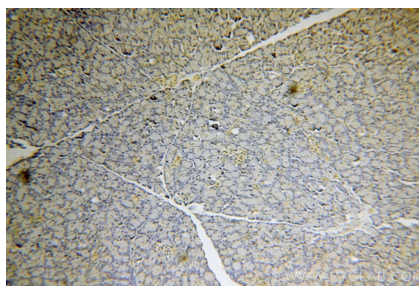
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

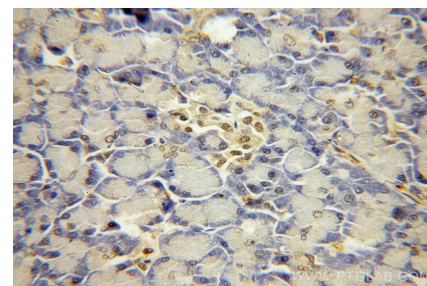
## Selected Validation Data



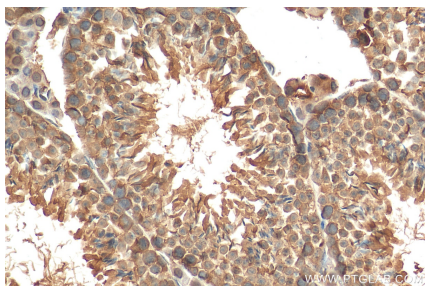
Various lysates were subjected to SDS PAGE followed by western blot with 18838-1-AP (USP32 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human pancreas using 18838-1-AP (USP32 antibody) at dilution of 1:100 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human pancreas using 18838-1-AP (USP32 antibody) at dilution of 1:100 (under 40x lens).



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 18838-1-AP (USP32 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).