

For Research Use Only

USP32 Polyclonal antibody

Catalog Number: 18838-1-AP **1 Publications**



Basic Information

| | | |
|--|--|---|
| Catalog Number: 18838-1-AP | GenBank Accession Number: BC094680 | Purification Method: Antigen affinity purification |
| Size: 150ul , Concentration: 450 µg/ml by Nanodrop and 273 µg/ml by Bradford method using BSA as the standard; | GeneID (NCBI): 84669 | Recommended Dilutions: WB 1:1000-1:4000 IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB |
| Source: Rabbit | Full Name: ubiquitin specific peptidase 32 | Calculated MW: 182 kDa |
| Isotype: IgG | Observed MW: 230 kDa | IHC 1:100-1:500 |

Applications

| | |
|---|---|
| Tested Applications: IHC, IP, WB, ELISA | Positive Controls: WB : HeLa cells, MCF-7 cells |
| Cited Applications: ColP, WB | IP : HeLa cells, |
| Species Specificity: human, mouse | IHC : mouse testis tissue, human pancreas tissue |
| 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

Background Information

USP32 belongs to the peptidase C19 family. USP32 catalytic the reaction :Ubiquitin C-terminal thioester + H2O = ubiquitin + a thiol.

Notable Publications

| Author | Pubmed ID | Journal | Application |
|--------------|-----------|-------------------------------------|-------------|
| Heyang Zhang | 36951484 | Acta Biochim Biophys Sin (Shanghai) | WB,ColP |

Storage

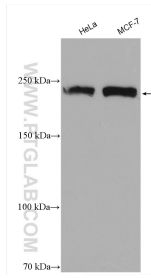
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

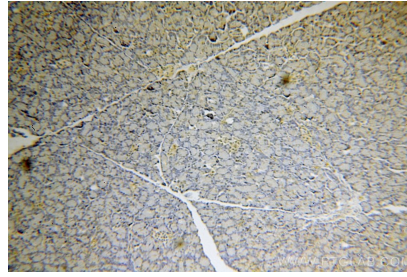
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

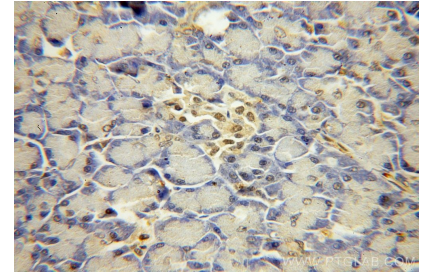
Selected Validation Data



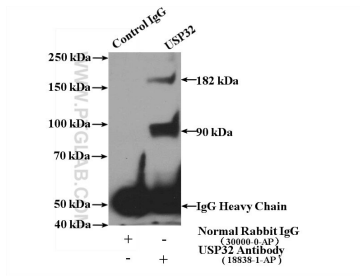
Various lysates were subjected to SDS PAGE followed by western blot with 18838-1-AP (USP32 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



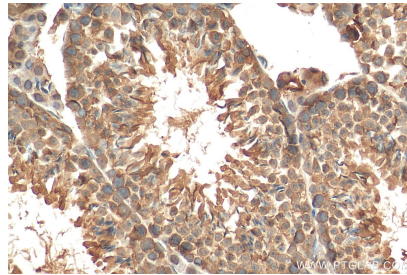
Immunohistochemical analysis of paraffin-embedded human pancreas using 18838-1-AP (USP32 antibody) at dilution of 1:100 (under 10x lens).



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



IP Result of anti-USP32 (IP:18838-1-AP, 4ug; Detection:18838-1-AP 1:500) with HeLa cells lysate 4000ug.



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).