

For Research Use Only

# CTSZ Polyclonal antibody

Catalog Number: 16578-1-AP

3 Publications



## Basic Information

Catalog Number:

16578-1-AP

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG9865

GenBank Accession Number:

BC042168

GeneID (NCBI):

1522

UNIPROT ID:

Q9UBR2

Full Name:

cathepsin Z

Calculated MW:

303 aa, 34 kDa

Observed MW:

34-37 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB: 1:500-1:3000

IP: 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IHC: 1:50-1:500

## Applications

Tested Applications:

WB, IP, IHC, ELISA

Cited Applications:

WB, IF

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse

**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, mouse heart tissue

IP : HeLa cells,

IHC : human pancreas tissue,

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Hongwei Chu	34932315	Anal Chem	WB
Junyue Tao	40568593	Front Immunol	WB
Yujun Hou	38753870	Alzheimers Dement	WB,IF

## Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

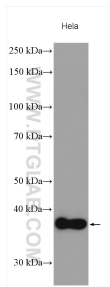
T: 4006900926

E: Proteintech-CN@ptglab.com

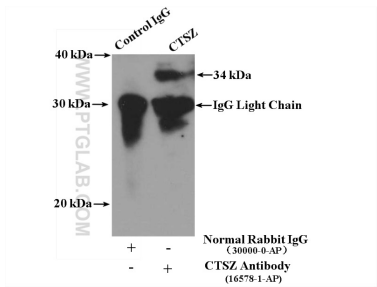
W: ptgcn.com

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

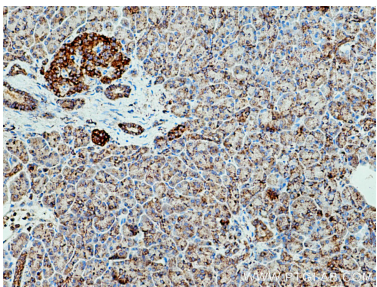
## Selected Validation Data



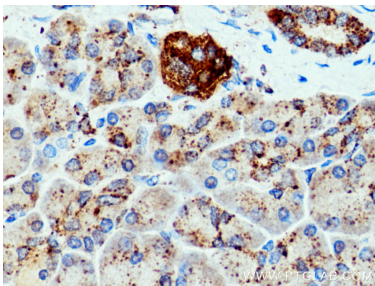
HeLa cells were subjected to SDS PAGE followed by western blot with 16578-1-AP (CTSZ antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



IP result of anti-CTSZ (IP:16578-1-AP, 4ug; Detection:16578-1-AP 1:300) with HeLa cells lysate 2500ug.



Immunohistochemical analysis of paraffin-embedded human pancreas tissue slide using 16578-1-AP (CTSZ antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human pancreas tissue slide using 16578-1-AP (CTSZ antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).