

For Research Use Only

# CTSZ Polyclonal antibody

Catalog Number: 16578-1-AP

2 Publications



## Basic Information

### Catalog Number:

16578-1-AP

### Size:

150ul, Concentration: 400 ug/ml by Nanodrop and 267 ug/ml by Bradford method using BSA as the standard;

### 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,

## Notable Publications

Author	Pubmed ID	Journal	Application
Hongwei Chu	34932315	Anal Chem	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 pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

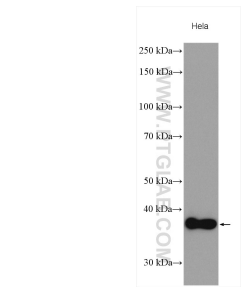
For technical support and original validation data for this product please contact:

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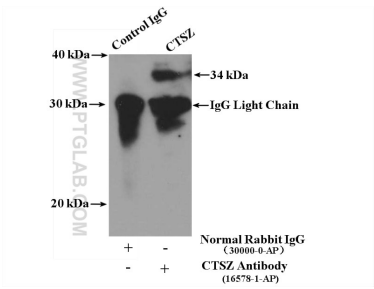
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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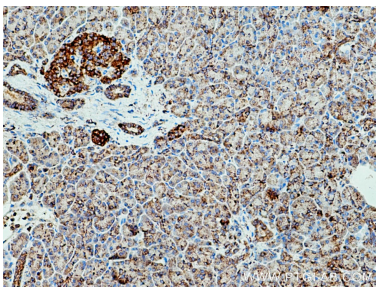
Selected Validation Data



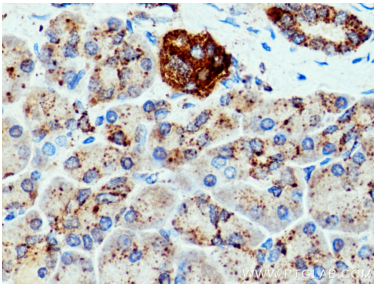
HeLa cells were subjected to SDS PAGE followed by western blot with 16578-1-AP (CTSZ antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



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).