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# CTSZ Antibody (N-term)
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**
**Catalog # AP11116a**

## Specification

### CTSZ Antibody (N-term) - Product Information

| | |
|---|---|
| Application | **WB,E** |
| Primary Accession | Q9UBR2 |
| Other Accession | NP_001327.2 |
| Reactivity | **Human** |
| Host | **Rabbit** |
| Clonality | **Polyclonal** |
| Isotype | **Rabbit IgG** |
| Calculated MW | **33868** |
| Antigen Region | **22-50** |

### CTSZ Antibody (N-term) - Additional Information

**Gene ID** 1522

**Other Names**
Cathepsin Z, Cathepsin P, Cathepsin X, CTSZ

**Target/Specificity**
This CTSZ antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 22-50 amino acids from the N-terminal region of human CTSZ.

**Dilution**
WB~~1:1000

**Format**
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**
CTSZ Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

### CTSZ Antibody (N-term) - Protein Information

**Name** CTSZ

**Function** Exhibits carboxy-monopeptidase as well as carboxy-dipeptidase activity (PubMed:10504234). Capable of producing kinin potentiating peptides (By similarity).

**Cellular Location**
Lysosome.

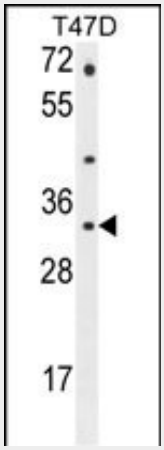
**Tissue Location**
Widely expressed..

## CTSZ Antibody (N-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

## CTSZ Antibody (N-term) - Images




CTSZ Antibody (N-term) (Cat. #AP11116a) western blot analysis in T47D cell line lysates (35ug/lane).This demonstrates the CTSZ antibody detected the CTSZ protein (arrow).

## CTSZ Antibody (N-term) - Background

The protein encoded by this gene is a lysosomal cysteine proteinase and member of the peptidase C1 family. It exhibits both carboxy-monopeptidase and carboxy-dipeptidase activities. The encoded protein has also been known as cathepsin X and cathepsin P. This gene is expressed ubiquitously in cancer cell lines and primary tumors and, like other members of this family, may be involved in tumorigenesis.

## CTSZ Antibody (N-term) - References

Starr, J.M., et al. Mech. Ageing Dev. 129(12):745-751(2008)
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