

## Rabbit CTSZ Polyclonal Antibody | anti-CTSZ antibody

CTSZ Polyclonal Antibody

|                               |                       |                                        |                                                                  |
|-------------------------------|-----------------------|----------------------------------------|------------------------------------------------------------------|
| CATALOG #<br><b>AAA170495</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot, ELISA</b> |
|-------------------------------|-----------------------|----------------------------------------|------------------------------------------------------------------|

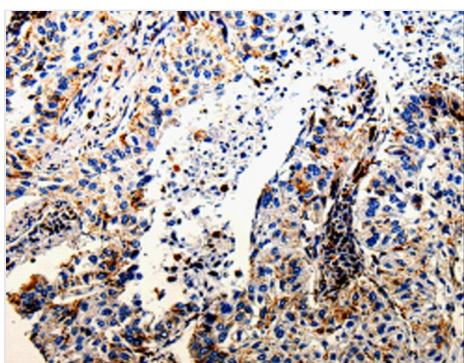
### PRODUCT SYNONYMS

CTSZ; Polyclonal Antibody; CTSZ Polyclonal Antibody; CTSX; anti-CTSZ antibody

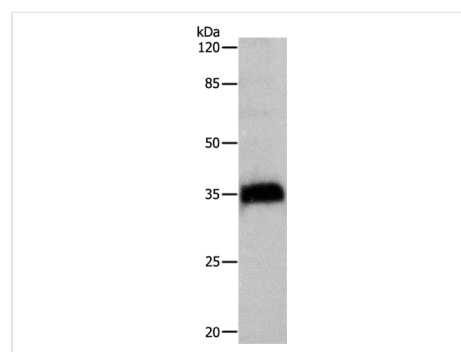
### PRODUCT SPECIFICATIONS

|                                                |                                                                                           |
|------------------------------------------------|-------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                    |
| Reactivity                                     | Human, Mouse, Rat                                                                         |
| Clonality                                      | Polyclonal                                                                                |
| Isotype                                        | IgG                                                                                       |
| Purity/Purification                            | Antigen affinity purification                                                             |
| Concentration                                  | 0.7mg/mL (varies by lot)                                                                  |
| Sequence Length                                | 303                                                                                       |
| Applicable Applications for anti-CTSZ antibody | IHC (Immunohistochemistry), WB (Western Blot), ELISA                                      |
| Immunogen                                      | Recombinant protein of human CTSZ                                                         |
| Buffer                                         | PBS with 0.05% sodium azide, 50% glycerol, pH7.3                                          |
| Preparation and Storage                        | Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles. |

### IMAGES



**IHC (Immunohistochemistry)**  
Immunohistochemistry of paraffin-embedded Human lung cancer using CTSZ Polyclonal Antibody at dilution of 1:25



**WB (Western Blot)**  
Western Blot analysis of HeLa cell using CTSZ Polyclonal Antibody at dilution of 1:500

### ADDITIONAL INFORMATION

#### Related Product Information for anti-CTSZ antibody

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.

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                    |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 22538442                                                                                                                                                                                           |
| NCBI GeneID                      | 1522                                                                                                                                                                                               |
| NCBI Accession #                 | NP_001327.2                                                                                                                                                                                        |
| NCBI GenBank Nucleotide #        | NM_001336.3                                                                                                                                                                                        |
| Molecular Weight                 | 33,868 Da                                                                                                                                                                                          |
| NCBI Official Full Name          | cathepsin Z preproprotein                                                                                                                                                                          |
| NCBI Official Synonym Full Names | cathepsin Z                                                                                                                                                                                        |
| NCBI Official Symbol             | CTSZ                                                                                                                                                                                               |
| NCBI Official Synonym Symbols    | CTSX                                                                                                                                                                                               |
| NCBI Protein Information         | cathepsin Z; carboxypeptidase LB; cathepsin B2; cathepsin IV; cathepsin P; cathepsin X; cathepsin Y; cathepsin Z1; cysteine-type carboxypeptidase; lysosomal carboxypeptidase B; preprocathepsin P |
| UniProt Protein Name             | Cathepsin Z                                                                                                                                                                                        |
| UniProt Gene Name                | CTSZ                                                                                                                                                                                               |
| UniProt Entry Name               | CATZ_HUMAN                                                                                                                                                                                         |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/polyclonal/ctsz-antibody-immunohistochemistry-western-blot-elisa/170495>