

# Anti-Cathepsin Z Antibody

Rabbit polyclonal antibody to Cathepsin Z  
Catalog # AP60260

## Product Information

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|--------------------------|------------------------|
| <b>Application</b>       | WB, IHC                |
| <b>Primary Accession</b> | <a href="#">Q9UBR2</a> |
| <b>Reactivity</b>        | Human, Rat             |
| <b>Host</b>              | Rabbit                 |
| <b>Clonality</b>         | Polyclonal             |
| <b>Calculated MW</b>     | 33868                  |

## Additional Information

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|---------------------------|--|
| <b>Gene ID</b>            | 1522   |
| <b>Other Names</b>        | Cathepsin Z; Cathepsin P; Cathepsin X  |
| <b>Target/Specificity</b> | KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Cathepsin Z. The exact sequence is proprietary. |
| <b>Dilution</b>           | WB~~WB (1/500 - 1/1000), IHC (1/100 - 1/200) IHC~~WB (1/500 - 1/1000), IHC (1/100 - 1/200)   |
| <b>Format</b>             | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.                            |
| <b>Storage</b>            | Store at -20 °C.Stable for 12 months from date of receipt  |

## Protein Information

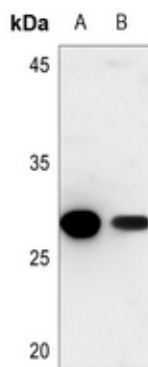
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|--------------------------|---|
| <b>Name</b>              | CTSZ  |
| <b>Function</b>          | Exhibits carboxy-monopeptidase as well as carboxy-dipeptidase activity (PubMed: <a href="#">10504234</a> ). Capable of producing kinin potentiating peptides (By similarity). |
| <b>Cellular Location</b> | Lysosome.   |
| <b>Tissue Location</b>   | Widely expressed..  |

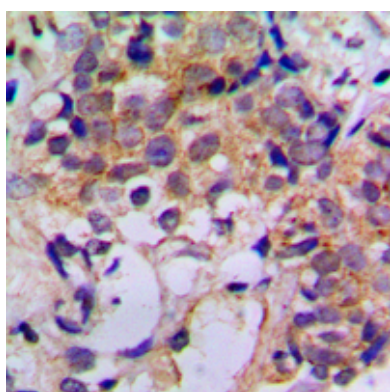
## Background

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KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Cathepsin Z. The exact sequence is proprietary.



Western blot analysis of Cathepsin Z expression in rat liver (A), rat kidney (B) whole cell lysates.



Immunohistochemical analysis of Cathepsin Z staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.