

Anti-Cathepsin Z Antibody

Rabbit polyclonal antibody to Cathepsin Z Catalog # AP60260

Specification

Anti-Cathepsin Z Antibody - Product Information

Application WB, IHC
Primary Accession O9UBR2
Reactivity Human, Rat
Host Rabbit
Clonality Polyclonal
Calculated MW 33868

Anti-Cathepsin Z Antibody - Additional Information

Gene ID 1522

Other Names

Cathepsin Z; Cathepsin P; Cathepsin X

Target/Specificity

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

Dilution

WB~~WB (1/500 - 1/1000), IH (1/100 - 1/200) IHC~~1:100~500

Format

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

Storage

Store at -20 °C. Stable for 12 months from date of receipt

Anti-Cathepsin Z Antibody - 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



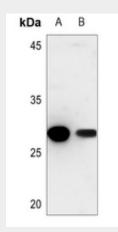
Widely expressed..

Anti-Cathepsin Z Antibody - Protocols

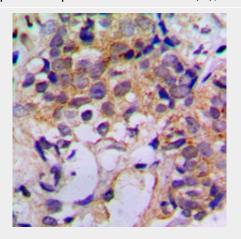
Provided below are standard protocols that you may find useful for product applications.

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

Anti-Cathepsin Z Antibody - Images

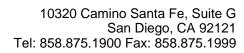


Western blot analysis of Cathepsin Z expression in rat liver (A), rat kidney (B) whole cell lysates.



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.

Anti-Cathepsin Z Antibody - Background





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