

**KD-Validated Anti-Cathepsin Z Rabbit Monoclonal Antibody**  
Rabbit monoclonal antibody  
Catalog # AGI2248

**Specification**

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**KD-Validated Anti-Cathepsin Z Rabbit Monoclonal Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">Q9UBR2</a>
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG
Calculated MW	Predicted, 34 kDa; observed, 36 kDa kDa
Gene Name	CTSZ
Aliases	CTSZ; Cathepsin Z; Cathepsin X; CTSX; Cysteine-Type Carboxypeptidase; Lysosomal Carboxypeptidase B; Carboxypeptidase LB; Cathepsin IV; Cathepsin B2; Cathepsin Z1; Cathepsin Y; Cathepsin P; EC 3.4.18.1; Preprocathepsin P
Immunogen	Recombinant protein of human Cathepsin Z

**KD-Validated Anti-Cathepsin Z Rabbit Monoclonal Antibody - Additional Information**

Gene ID	1522
<b>Other Names</b>	
Cathepsin Z, 3.4.18.1, Cathepsin P, Cathepsin X, CTSZ	

**KD-Validated Anti-Cathepsin Z Rabbit Monoclonal Antibody - Protein Information**

**Name** CTSZ

**Function**

Exhibits carboxy-monopeptidase as well as carboxy-dipeptidase activity (PubMed:<a href="http://www.uniprot.org/citations/10504234" target="\_blank">10504234</a>). Capable of producing kinin potentiating peptides (By similarity).

**Cellular Location**

Lysosome.

**Tissue Location**

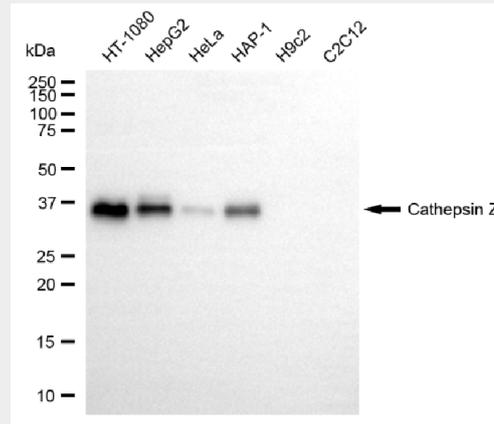
Widely expressed..

**KD-Validated Anti-Cathepsin Z Rabbit Monoclonal Antibody - Protocols**

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

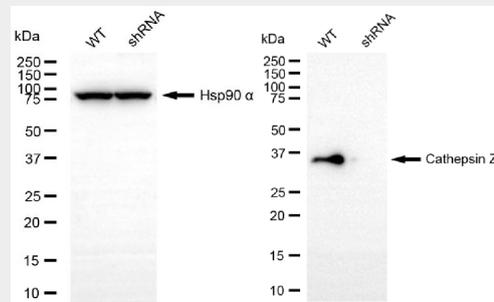
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### KD-Validated Anti-Cathepsin Z Rabbit Monoclonal Antibody - Images



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Western blotting analysis using anti-cathepsin Z antibody (Cat#AGI2248). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-cathepsin Z antibody (Cat#AGI2248, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Western blotting analysis using anti-cathepsin Z antibody (Cat#AGI2248). Cathepsin Z expression in wild-type (WT) and cathepsin Z (CTSZ) shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-cathepsin Z antibody (Cat#AGI2248, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.