# antibodies .- online.com







# anti-Cathepsin Z antibody (N-Term)



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Overview		
Quantity:	400 μL	
Target:	Cathepsin Z (CTSZ)	
Binding Specificity:	AA 22-50, N-Term	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This Cathepsin Z antibody is un-conjugated	
Application:	Western Blotting (WB)	
Product Details		
Immunogen:	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.	
Clone:	RB19265	
Isotype:	lg Fraction	
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.	
Target Details		
Target:	Cathepsin Z (CTSZ)	
Alternative Name:	CTSZ (CTSZ Products)	
Background:	The protein encoded by this gene is a lysosomal cysteine proteinase and member of the	

#### **Target Details**

Molecular Weight:

Gene ID:

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.
33868
1522

NCBI Accession: NP\_001327

UniProt: Q9UBR2

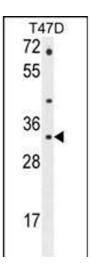
Pathways: Peptide Hormone Metabolism, Regulation of Systemic Arterial Blood Pressure by Hormones

### **Application Details**

Application Notes:	WB: 1:1000	
Restrictions:	For Research Use only	

## Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



#### **Western Blotting**

**Image 1.** CTSZ Antibody (N-term) (ABIN655068 and ABIN2844698) western blot analysis in T47D cell line lysates (35  $\mu$ g/lane).This demonstrates the CTSZ antibody detected the CTSZ protein (arrow).