

Datasheet for ABIN1536114

anti-Cathepsin Z antibody (Cleaved-Leu62)



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1 Image

Overview

Quantity:	100 µL
Target:	Cathepsin Z (CTSZ)
Binding Specificity:	AA 43-92, Cleaved-Leu62
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Cathepsin Z antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human CATZ.
Isotype:	IgG
Specificity:	CATZ (Cleaved-Leu62) Antibody detects endogenous levels of fragment of activated CATZ resulting from cleavage adjacent to Leu62.
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen.
Purity:	> 95 %

Target Details

Target:	Cathepsin Z (CTSZ)
Abstract:	CTSZ Products

Target Details

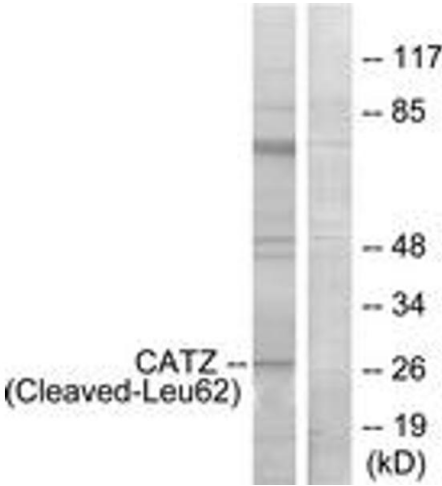
Background:	Synonyms: Cathepsin Z, Cathepsin X, Cathepsin P NCBI Gene Symbol: CTSZ
Molecular Weight:	27 kDa
Gene ID:	1522
OMIM:	603169
UniProt:	Q9UBR2
Pathways:	Peptide Hormone Metabolism, Regulation of Systemic Arterial Blood Pressure by Hormones

Application Details

Application Notes:	WB: 1:500~1:1000 ELISA: 1:5000
Comment:	Unigene-Number: Hs.252549 (NCBI Gene Symbol: CTSZ)
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
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:	-20 °C
Storage Comment:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



Western Blotting

Image 1. Western blot analysis of extracts from COS7 cells, treated with etoposide 25uM 1h, using CATZ (Cleaved-Leu62) Antibody. The lane on the right is treated with the synthesized peptide.