

Datasheet for ABIN5540254
anti-Cathepsin Z antibody (AA 62-303)



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Overview

Quantity:	0.1 mL
Target:	Cathepsin Z (CTSZ)
Binding Specificity:	AA 62-303
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Cathepsin Z antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	Recombinant human CTSZ (62-303aa) purified from E. coli.
Clone:	AT6G11
Isotype:	IgG2b
Purification:	Protein-A affinity chromatography

Target Details

Target:	Cathepsin Z (CTSZ)
Alternative Name:	cathepsin z (CTSZ Products)
Background:	CTSZ (Cathepsin Z), also known as Cathepsin X and Cathepsin P, is 303 amino acid protein. It is lysosomal cysteine proteinase and member of the peptidase C1 family. It exhibits carboxy-

Target Details

mono-peptidase as well as carboxy-dipeptidase activity. This gene is widely expressed in cancer cell lines, primary tumors. CTSZ may be involved in tumor progression. And, CTSZ plays a role in normal intracellular protein degradation

UniProt:	Q9UBR2
Pathways:	Peptide Hormone Metabolism , Regulation of Systemic Arterial Blood Pressure by Hormones

Application Details

Application Notes:	The antibody has been tested by ELISA, Western blot analysis to assure specificity and reactivity. Since application varies, however, each investigation should be titrated by the reagent to obtain optimal results. Recommended starting dilution is 1:1000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS, pH 7.4 containing 0.02 % Sodium Azide and 10 % 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:	4 °C,-20 °C
Storage Comment:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
Expiry Date:	12 months