

Datasheet for ABIN2782124
anti-Cathepsin Z antibody (N-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	Cathepsin Z (CTSZ)
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Rabbit, Guinea Pig, Pig, Cow, Zebrafish (Danio rerio), Dog, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Cathepsin Z antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Sequence:	SAARARLYFR SGQTCYHPIR GDQLALLGRR TYPRPHEYLS PADLPKNWDW
Predicted Reactivity:	Cow: 93%, Dog: 93%, Guinea Pig: 86%, Horse: 92%, Human: 100%, Mouse: 100%, Pig: 92%, Rabbit: 85%, Rat: 100%, Zebrafish: 75%
Characteristics:	This is a rabbit polyclonal antibody against Ctsz. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	Cathepsin Z (CTSZ)
Alternative Name:	Ctsz (CTSZ Products)
Background:	Ctsz exhibits carboxy-monopeptidase as well as carboxy-dipeptidase activity.

Target Details

	Alias Symbols: AI787083, AU019819, CTSX, D2Wsu143e
	Protein Size: 306
Molecular Weight:	34 kDa
Gene ID:	64138
NCBI Accession:	NM_177856 , NP_808524
UniProt:	Q9NVH1
Pathways:	Peptide Hormone Metabolism , Regulation of Systemic Arterial Blood Pressure by Hormones

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 306 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Western Blotting

Image 1. WB Suggested Anti-Ctsz Antibody Titration: 1.0 ug/ml Positive Control: Mouse Heart