



Datasheet for ABIN7438949
anti-Cathepsin D antibody (AA 120-407)



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5 Images

Overview

Quantity:	100 µL
Target:	Cathepsin D (CTSD)
Binding Specificity:	AA 120-407
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Cathepsin D antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Cathepsin D (CTSD)
Immunogen:	Recombinant Cathepsin D (CTSD) corresponding to His120~Leu407 (Accession # P24268) with N-terminal His and GST Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against CTSD. It has been selected for its ability to recognize CTSD in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human, Mouse
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

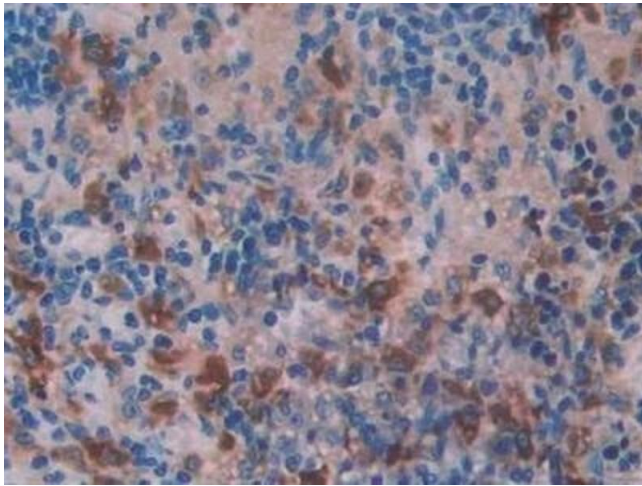
Target:	Cathepsin D (CTSD)
Alternative Name:	Cathepsin D (CTSD Products)
Background:	CPSD, CLN10, Lysosomal Aspartyl Protease, Ceroid-Lipofuscinosis, Neuronal 10
Pathways:	Peptide Hormone Metabolism

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL 1:150-600 Immunohistochemistry: 5-20 µg/mL 1:15-60 Immunocytochemistry: 5-20 µg/mL 1:15-60 Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

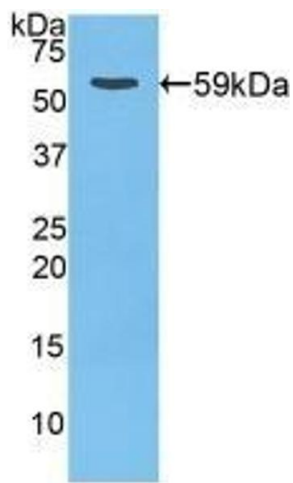
Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



Immunohistochemistry

Image 1. Detection of CTSD in Rat Spleen Tissue using Polyclonal Antibody to Cathepsin D (CTSD)



Western Blotting

Image 2. Detection of Recombinant CTSD, Rat using Polyclonal Antibody to Cathepsin D (CTSD)



Immunohistochemistry

Image 3. Detection of CTSD in Rat Kidney Tissue using Polyclonal Antibody to Cathepsin D (CTSD)

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN7438949.