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Datasheet for ABIN7435691

anti-Cathepsin G antibody (AA 21-261)

4 Images

Overview

Quantity:	100 µL
Target:	Cathepsin G (CTSG)
Binding Specificity:	AA 21-261
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Cathepsin G antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Cathepsin G (CTSG)
Immunogen:	Recombinant Cathepsin G (CTSG) corresponding to Ile21~Thr261 with N-terminal His and GST Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against CTSG. It has been selected for its ability to recognize CTSG 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 G (CTSG)
Alternative Name:	Cathepsin G (CTSG Products)
Background:	CG, CTS-G
Pathways:	ACE Inhibitor Pathway , Peptide Hormone Metabolism , Regulation of Systemic Arterial Blood Pressure by Hormones

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL 1:130-500 Immunohistochemistry: 5-20 µg/mL 1:13-50 Immunocytochemistry: 5-20 µg/mL 1:13-50 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

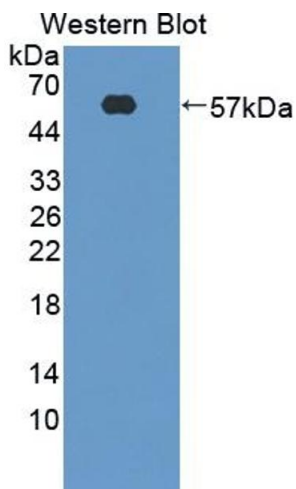
Handling

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



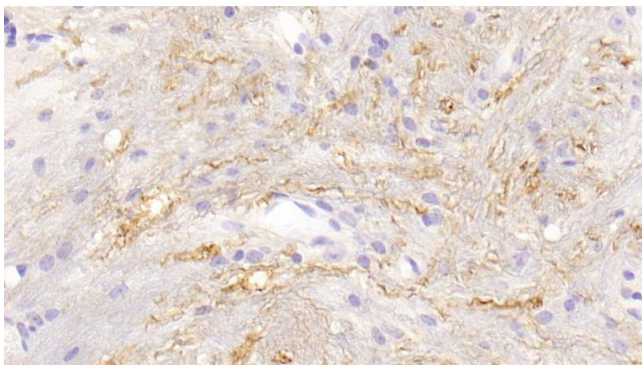
Western Blotting

Image 1. Detection of CTSG in Mouse Serum using Polyclonal Antibody to Cathepsin G (CTSG)



Western Blotting

Image 2. Detection of Recombinant CTSG, Mouse using Polyclonal Antibody to Cathepsin G (CTSG)



Immunohistochemistry

Image 3. Detection of CTSG in Mouse Spinal cord Tissue using Polyclonal Antibody to Cathepsin G (CTSG)

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7435691.