antibodies

Datasheet for ABIN7435694 anti-Cathepsin G antibody (AA 51-250)

2 Images



Overview

Quantity:	100 μL
Target:	Cathepsin G (CTSG)
Binding Specificity:	AA 51-250
Reactivity:	Rat
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) corresdonding to Gly51~Tyr250 with N-terminal His Tag
lsotype:	lgG
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
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

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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

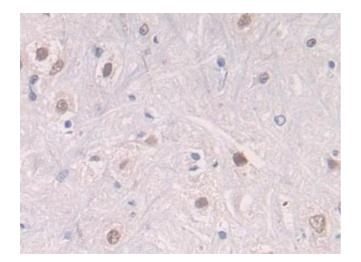
Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL
	Immunohistochemistry: 5-20 µg/mL
	Immunocytochemistry: 5-20 µg/mL
	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:	PBS, pH 7.4, containing 0.02 % Sodium azide, 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:	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

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kDa 75 50 37 25 - ←24kDa 20 15

Immunohistochemistry

Image 1. Detection of CTSG in Rat Spinal cord Tissue using Polyclonal Antibody to Cathepsin G (CTSG)

Western Blotting

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

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