

Datasheet for ABIN7430357
anti-CTGF antibody (AA 118-388)[Go to Product page](#)

3 Images

Overview

Quantity:	100 µL
Target:	CTGF
Binding Specificity:	AA 118-388
Reactivity:	Rabbit
Host:	Guinea Pig
Clonality:	Polyclonal
Conjugate:	This CTGF antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Connective Tissue Growth Factor (CTGF)
Immunogen:	Recombinant Connective Tissue Growth Factor (CTGF) corresponding to Leu118~Ala388
Isotype:	IgG
Specificity:	The antibody is a cavia polyclonal antibody raised against CTGF. It has been selected for its ability to recognize CTGF in immunohistochemical staining and western blotting.
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

Target:	CTGF
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Target Details

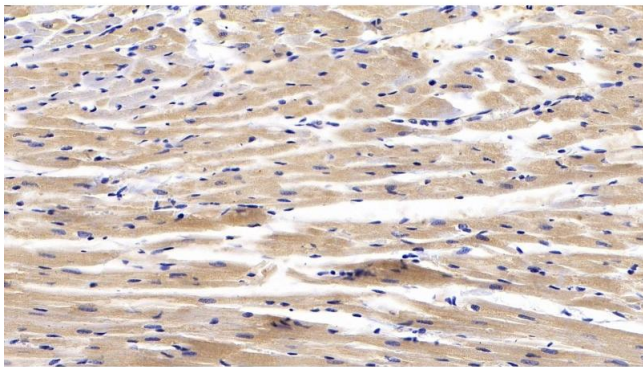
Alternative Name:	Connective Tissue Growth Factor (CTGF Products)
Background:	CCN2, HCS24, IGFBP8, NOV2, Insulin-Like Growth Factor-Binding Protein 8, Hypertrophic Chondrocyte-Specific Protein 24, CCN Family Member 2
Pathways:	Regulation of Lipid Metabolism by PPARalpha , Positive Regulation of Endopeptidase Activity, Growth Factor Binding

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

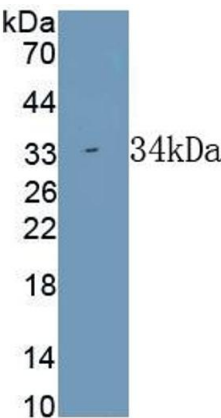
Handling

Format:	Liquid
Buffer:	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



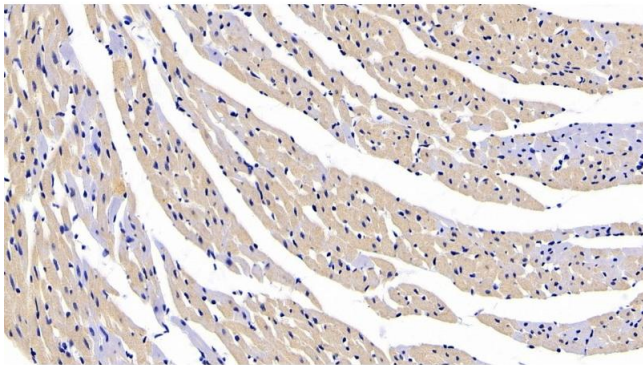
Immunohistochemistry

Image 1. Detection of CTGF in Rabbit Cardiac Muscle Tissue using Polyclonal Antibody to Connective Tissue Growth Factor (CTGF)



Western Blotting

Image 2. Detection of Recombinant CTGF, Rabbit using Polyclonal Antibody to Connective Tissue Growth Factor (CTGF)



Immunohistochemistry

Image 3. Detection of CTGF in Rat Cardiac Muscle Tissue using Polyclonal Antibody to Connective Tissue Growth Factor (CTGF)