

Datasheet for ABIN7430348
anti-CTGF antibody (AA 248-349)

3 Images

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Overview

Quantity:	100 µL
Target:	CTGF
Binding Specificity:	AA 248-349
Reactivity:	Human
Host:	Rabbit
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 Glu248~Ala349 (Accession # P29279)
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against CTGF. It has been selected for its ability to recognize CTGF in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

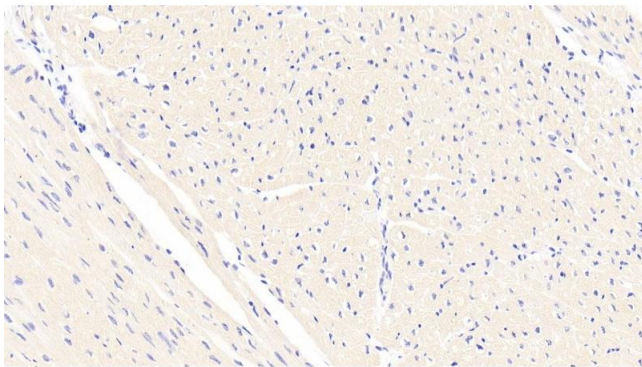
Target:	CTGF
Alternative Name:	Connective Tissue Growth Factor (CTGF Products)
Background:	CCN2, HCS24, IGFBP8, NOV2, Insulin-Like Growth Factor-Binding Protein 8, Hypertrophic Chondrocyte-Specific Protein 24, CCN Family Member 2
Pathways:	Regulation of Lipid Metabolism by PPARalpha , Positive Regulation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

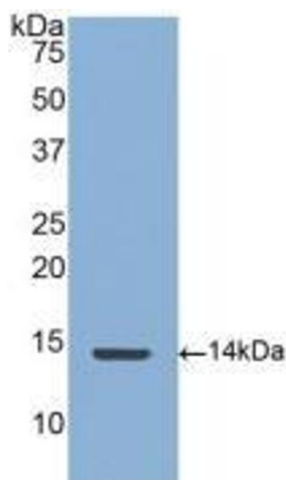
Handling

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



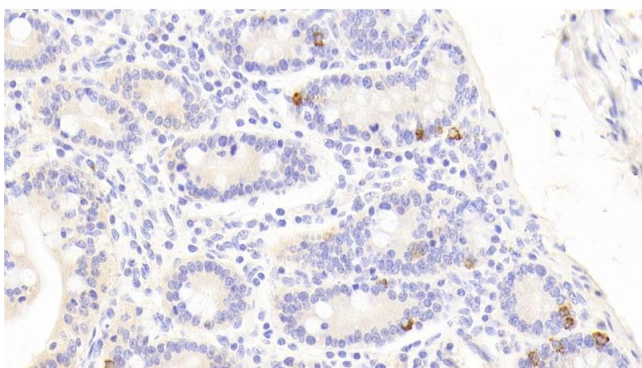
Immunohistochemistry

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



Western Blotting

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



Immunohistochemistry

Image 3. Detection of CTGF in Human Small intestine Tissue using Polyclonal Antibody to Connective Tissue Growth Factor (CTGF)