

Datasheet for ABIN7428404
anti-CTGF antibody (AA 80-200)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	CTGF
Binding Specificity:	AA 80-200
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CTGF antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Monoclonal Antibody to Connective Tissue Growth Factor (CTGF)
Immunogen:	Recombinant Connective Tissue Growth Factor (CTGF) corresponding to Leu80~Leu200 with N-terminal His Tag
Clone:	4-2#
Isotype:	IgG2b kappa
Specificity:	The antibody is a mouse monoclonal 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:	Protein A + Protein G affinity chromatography

Target Details

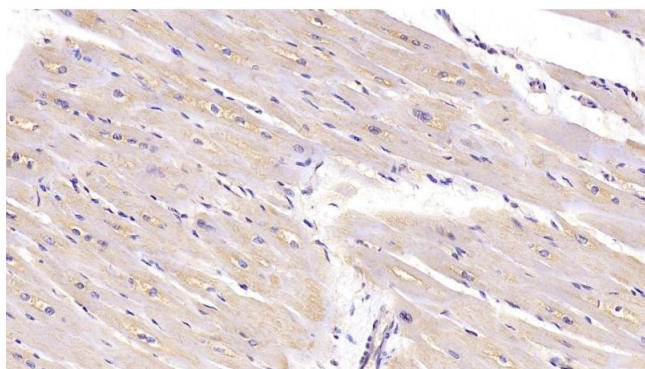
Target:	CTGF
Alternative Name:	Connective Tissue Growth Factor (CTGF Products)
Background:	CCN2, HCS24, IGFBP8, NOV2, Insulin-Like Growth Factor-Binding Protein 8, Hypertrophic Chondrocyte-Specific Protein 24, CCN Family Member 2
Pathways:	Regulation of Lipid Metabolism by PPARalpha , Positive Regulation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

Application Details

Application Notes:	Western blotting: 0.5-5 µg/mL Immunohistochemistry: 5-50 µg/mL Immunocytochemistry: 5-50 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

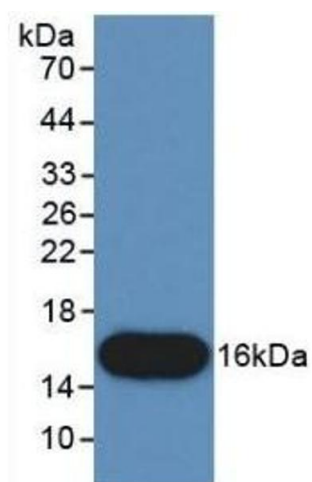
Handling

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 Monoclonal Antibody to Connective Tissue Growth Factor (CTGF)



Western Blotting

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