

Datasheet for ABIN392204
anti-CTGF antibody (C-Term)



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2 Images

Overview

Quantity:	400 µL
Target:	CTGF
Binding Specificity:	AA 315-349, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CTGF antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This CTGF antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 315-349 amino acids from the C-terminal region of human CTGF.
Clone:	RB14436
Isotype:	Ig Fraction
Predicted Reactivity:	B, M, Pig, Rat
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	CTGF
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Target Details

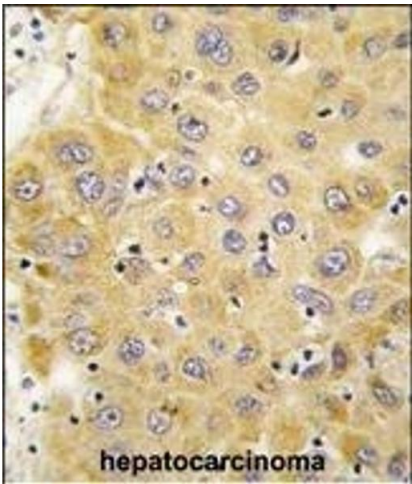
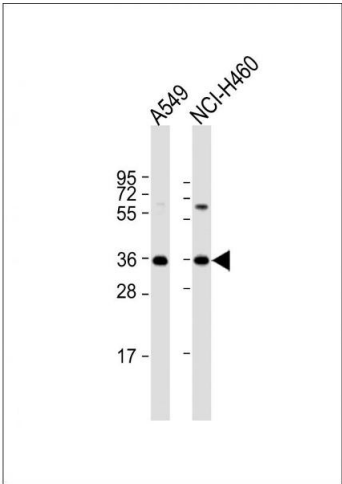
Alternative Name:	CTGF (CTGF Products)
Background:	Connective tissue growth factor (CTGF), a member of the CCN family of secreted matricellular proteins, regulates fibrosis, angiogenesis, cell proliferation, apoptosis, tumor growth, and metastasis.
Molecular Weight:	38091
Gene ID:	1490
NCBI Accession:	NP_001892
UniProt:	P29279
Pathways:	Regulation of Lipid Metabolism by PPARalpha , Positive Regulation of Endopeptidase Activity , Growth Factor Binding

Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:10~50
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
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:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



Western Blotting

Image 1. All lanes : Anti-CTGF Antibody (C-term) at 1:1000 dilution Lane 1: A549 whole cell lysate Lane 2: NCI- whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 38 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.

Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Formalin-fixed and paraffin-embedded human hepatocarcinoma tissue reacted with CTGF antibody (C-term) (ABIN392204 and ABIN2841904) , which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.