

Datasheet for ABIN392205
anti-CTGF antibody (AA 134-159)



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2 Images

Overview

Quantity:	400 µL
Target:	CTGF
Binding Specificity:	AA 134-159
Reactivity:	Human, Mouse
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 134-159 amino acids from the Central region of human CTGF.
Clone:	RB14974
Isotype:	Ig Fraction
Predicted Reactivity:	B, 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

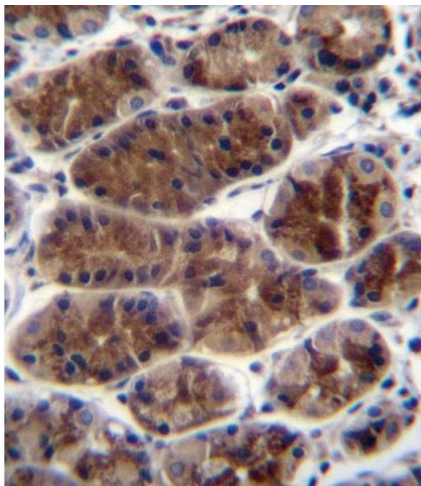
Alternative Name:	CTGF (CTGF Products)
Background:	Connective tissue growth factor (CTGF), a member of the CCN family of secreted matricellular proteins, regulates fibrosis, angiogenesis, cell proliferation, apoptosis, tumor growth, and metastasis.
Molecular Weight:	38091
Gene ID:	1490
NCBI Accession:	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

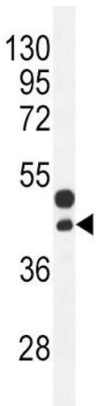
Handling

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



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. CTGF Antibody (Center) (ABIN392205 and ABIN2841905) immunohistochemistry analysis in formalin fixed and paraffin embedded human stomach tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of CTGF Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



Western Blotting

Image 2. CTGF Antibody (Center) (ABIN392205 and ABIN2841905) western blot analysis in mouse bladder tissue lysates (35 µg/lane). This demonstrates the CTGF antibody detected the CTGF protein (arrow).