

For Research Use Only

CTGF Polyclonal antibody

Catalog Number: 23936-1-AP

Featured Product

89 Publications



Basic Information

Catalog Number: 23936-1-AP	GenBank Accession Number: BC087839	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 550 µg/ml by Nanodrop and 333 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 1490	
Source: Rabbit	Full Name: connective tissue growth factor	
Isotype: IgG	Calculated MW: 349 aa, 38 kDa	
Immunogen Catalog Number: AG21008		

Applications

Tested Applications:
ELISA

Cited Applications:
ELISA, IF, IHC, WB

Species Specificity:
human, mouse

Cited Species:
human, rat, sheep, mouse, pig, canine

Background Information

CTGF, also known as CCN2 or connective tissue growth factor, is a member of the CCN family of matricellular proteins. CTGF, a cysteine-rich, matrix-associated, heparin-binding protein, is widely expressed in various human tissues and organs. CTGF has important roles in many biological processes, including cell adhesion, migration, proliferation, angiogenesis, skeletal development, and tissue wound repair, and is critically involved in fibrotic disease and several forms of cancers. In western blotting, there are three different forms of CTGF reported: monomeric forms at approximately 36-38 kDa, homodimeric forms at approximately 70 kDa, and lower molecular mass fragment forms.

Notable Publications

Author	Pubmed ID	Journal	Application
Xiaobing Miao	32976820	Exp Mol Pathol	IHC
Xueni Xu	31543507	Aging (Albany NY)	WB
Bo Liao	34611513	J Orthop Translat	WB, IHC

Storage

Storage:
Store at -20°C. Stable for one year after shipment.

Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
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