

For Research Use Only

CTGF Polyclonal antibody

Catalog Number: 23936-1-AP

Featured Product

103 Publications



Basic Information

Catalog Number:

23936-1-AP

Size:

150ul, Concentration: 550 µg/ml by Nanodrop and 333 µg/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG21008

GenBank Accession Number:

BC087839

GeneID (NCBI):

1490

UNIPROT ID:

P29279

Full Name:

connective tissue growth factor

Calculated MW:

349 aa, 38 kDa

Observed MW:

38 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

ELISA

Cited Applications:

WB, IHC, IF, ELISA

Species Specificity:

human, mouse

Cited Species:

human, mouse, rat, pig, canine, sheep

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, pH7.3

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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