

For Research Use Only

# CTGF Recombinant antibody

Catalog Number: 82976-1-RR



## Basic Information

<b>Catalog Number:</b> 82976-1-RR	<b>GenBank Accession Number:</b> NM_001901	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 200 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 1490	<b>CloneNo.:</b> 230324B12
<b>Source:</b> Rabbit	<b>Full Name:</b> connective tissue growth factor	<b>Recommended Dilutions:</b> WB 1:1000-1:4000
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 38 kDa	
	<b>Observed MW:</b> 35 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : U2OS cells, HeLa cells
<b>Species Specificity:</b> Human	

## Background Information

CTGF, also known as CCN2, 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.

## Storage

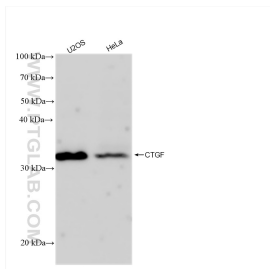
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
**Aliquoting is unnecessary for -20°C storage**

**\*\*\* 20ul sizes contain 0.1% BSA**

For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)      E: proteintech@ptglab.com  
W: ptglab.com

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 82976-1-RR (CTGF antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.