

CTGF Rabbit pAb

CatalogNo: YT6207

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- IHC, IF, WB

MW

- 37kD (Observed)

Isotype

- IgG

Recommended Dilution Ratios

IHC 1:50-200**WB 1:500-2000****IF 1:50-200**

Storage

Storage*

-15°C to -25°C/1 year (Do not lower than -25°C)

Formulation

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality

Polyclonal

Immunogen Information

Immunogen

Synthesized peptide derived from human CTGF AA range: 130-210

Specificity

This antibody detects endogenous levels of human CTGF

Target Information

Gene name

CTGF CCN2 HCS24 IGFBP8

Protein Name	CTGF		
	Organism	Gene ID	UniProt ID
	Human	1490;	P29279;
	Mouse	14219;	P29268;
	Rat		Q9R1E9;

Cellular Localization Secreted, extracellular space, extracellular matrix . Secreted .

Tissue specificity Expressed in bone marrow and thymic cells. Also expressed one of two Wilms tumors tested.

Function Function:Major connective tissue mitogen secreted by vascular endothelial cells. Promotes proliferation and differentiation of chondrocytes. Mediates heparin- and divalent cation-dependent cell adhesion in many cell types including fibroblasts, myofibroblasts, endothelial and epithelial cells. Enhances fibroblast growth factor-induced DNA synthesis.,similarity:Belongs to the CCN family.,similarity:Contains 1 CTCK (C-terminal cystine knot-like) domain.,similarity:Contains 1 IGFBP N-terminal domain.,similarity:Contains 1 TSP type-1 domain.,similarity:Contains 1 VWFC domain.,subunit:Monomer.,

| Validation Data

| Contact information

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