

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 Connective tissue growth factor (CCN family member 2) (Hypertrophic chondrocyte-specific protein 24) (Insulin-like growth factor-binding protein 8) (IBP-8) (IGF-binding protein 8) (IGFBP-8)

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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CTGF Rabbit pAb

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