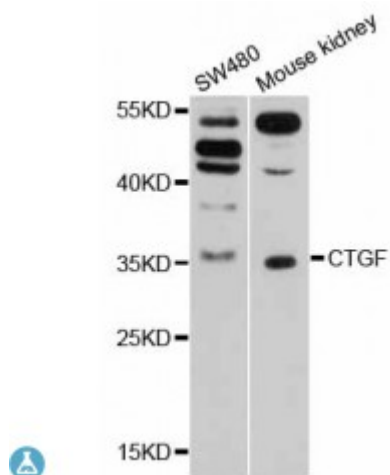


Anti-CTGF Antibody



Description

The protein encoded by this gene is a mitogen that is secreted by vascular endothelial cells. The encoded protein plays a role in chondrocyte proliferation and differentiation, cell adhesion in many cell types, and is related to platelet-derived growth factor. Certain polymorphisms in this gene have been linked with a higher incidence of systemic sclerosis.

Model	STJ113799
Host	Rabbit
Reactivity	Human, Mouse
Applications	WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 27-349 of human CTGF (NP_001892.1).
Gene ID	1490
Gene Symbol	CTGF
Dilution range	WB 1:500 - 1:2000
Tissue Specificity	Expressed in bone marrow and thymic cells, Also expressed one of two Wilms tumors tested
Purification	Affinity purification
Note	For Research Use Only (RUO).
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

Molecular Weight	38.091 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:2500OMIM:121009Reactome:R-HSA-1989781
Alternative Names	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
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,
Cellular Localization	Secreted, extracellular space, extracellular matrix

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