

CTGF Antibody
Rabbit Polyclonal Antibody
Catalog # ABV10995**Specification**

CTGF Antibody - Product Information

Application	WB
Primary Accession	P29279
Other Accession	BAG52518
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	38091

CTGF Antibody - Additional Information**Gene ID** 1490

Application & Usage	Western blotting (0.5-4 µg/ml). Per researchers feedback, it also works well in Immunohistochemistry (10-20 µg/ml, frozen and paraffin sections). However, the optimal conditions should be determined individually.
---------------------	--

Other Names

connective tissue growth factor, CCN2 , CCN-2, CCN 2, Hypertrophic chondrocyte-specific protein 24

Target/Specificity

CTGF

Antibody Form

Liquid

Appearance

Colorless liquid

Formulation

100 µg (0.5 mg/ml) affinity purified rabbit anti-CTGF polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, 0.01% thimerosal.

Handling

The antibody solution should be gently mixed before use.

Reconstitution & Storage

-20 °C

Background Descriptions

Precautions

CTGF Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

CTGF Antibody - Protein Information

Name CCN2 ([HGNC:2500](#))

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 Location

Secreted, extracellular space, extracellular matrix {ECO:0000250|UniProtKB:P29268}. Secreted {ECO:0000250|UniProtKB:P29268}

Tissue Location

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

CTGF Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CTGF Antibody - Images**CTGF Antibody - Background**

CTGF (connective tissue growth factor) is a cysteine-rich, secreted peptide. It is a new member of the peptide family that includes serum-induced immediate early gene products, a v-src-induced peptide, and a putative proto-oncogene. Among the many functions of the CTGF gene family are embryogenesis, wound healing, and regulation of extracellular matrix production.