

**Goat anti-Connective Tissue Growth Factor Antibody**  
Peptide-affinity purified goat antibody  
Catalog # AF4496a

**Specification**

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**Goat anti-Connective Tissue Growth Factor Antibody - Product Information**

Application	IF, IHC
Primary Accession	<a href="#">P29279</a>
Other Accession	<a href="#">NP_001892</a>
Reactivity	Human, Mouse, Rat, Dog
Host	Goat
Clonality	Polyclonal
Calculated MW	38091

**Goat anti-Connective Tissue Growth Factor Antibody - Additional Information**

**Gene ID** 1490

**Other Names**

CTGF; CCN2; NOV2; IGFBP8; connective tissue growth factor

**Format**

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

Goat anti-Connective Tissue Growth Factor Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**Goat anti-Connective Tissue Growth Factor 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

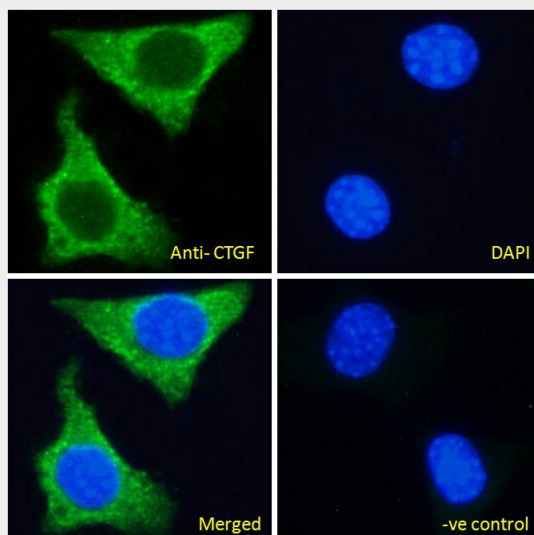
Expressed in bone marrow and thymic cells. Also expressed one of two Wilms tumors tested.

### Goat anti-Connective Tissue Growth Factor Antibody - Protocols

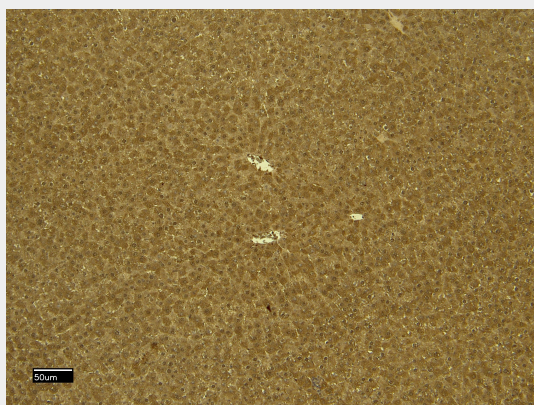
Provided below are standard protocols that you may find useful for product applications.

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

### Goat anti-Connective Tissue Growth Factor Antibody - Images

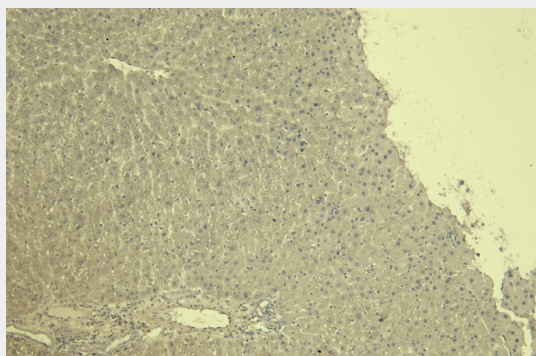


EB06683 Immunofluorescence analysis of paraformaldehyde fixed NIH3T3 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (5ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (5ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



EB06683 (6µg/ml) staining of paraffin embedded Rat Liver. Heat induced antigen retrieval with

citrate buffer pH 6, HRP-staining.



EB06683 Negative Control showing staining of paraffin embedded Rat Liver, with no primary antibody.