

CTGF Rabbit pAb

Catalog No.: A11067 **22 Publications**

Basic Information

Observed MW

35kDa

Calculated MW

38kDa

Category

Primary antibody

Applications

ELISA, WB, IF/ICC

Cross-Reactivity

Human, Mouse, Rat

Background

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.

Recommended Dilutions

WB 1:500 - 1:1000

IF/ICC 1:20 - 1:50

Immunogen Information

Gene ID

1490

Swiss Prot

P29279

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 100-200 of human CTGF (NP_001892.2).

Synonyms

CTGF; NOV2; HCS24; IGFBP8

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

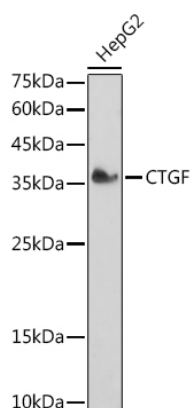
Affinity purification

Storage

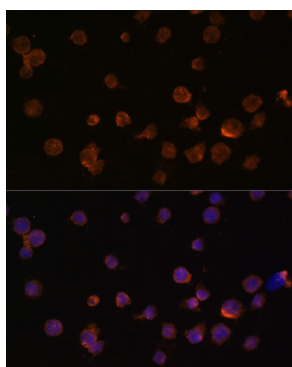
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 50% glycerol, pH7.3.

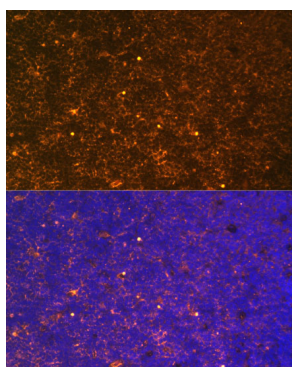
Validation Data



Western blot analysis of extracts of HepG2 cells, using CTGF antibody (A11067) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 180s.



Immunofluorescence analysis of THP-1 cells using CTGF antibody (A11067) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of Rat thymus using CTGF antibody (A11067) at dilution of 1:100. Blue: DAPI for nuclear staining.