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CTGF Rabbit pAb

Catalog No.: A11067 **29 Publications**

Basic Information

Observed MW
16-20 kDa/35 kDa

Calculated MW
38kDa

Category
Primary antibody

Applications
WB,IF/ICC,IF-P,ELISA

Cross-Reactivity
Human, 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	1:1000 - 1:6000
IF/ICC	1:20 - 1:100
IF-P	1:20 - 1:100
ELISA	Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
1490

Swiss Prot
P29279

Immunogen
Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms
CTGF; NOV2; HCS24; IGFBP8

Contact

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Product Information

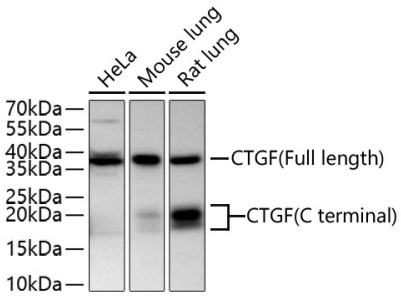
Source
Rabbit

Isotype
IgG

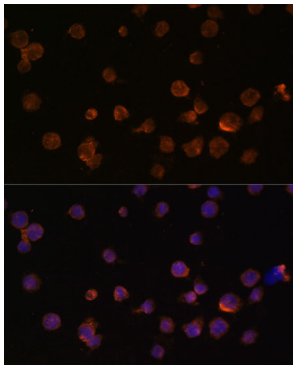
Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

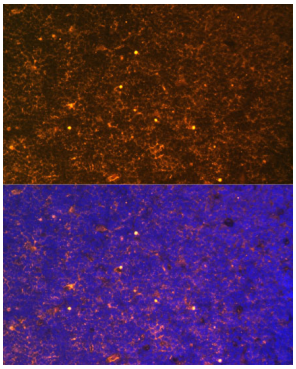
Validation Data



Western blot analysis of various lysates using CTGF Rabbit pAb (A11067) at 1:6000 dilution incubated overnight at 4℃.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 90 s.



Immunofluorescence analysis of THP-1 cells using CTGF Rabbit pAb (A11067) at dilution of 1:100. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of paraffin-embedded Rat thymus using CTGF Rabbit pAb (A11067) at dilution of 1:100. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.