## CAB11456

## Product Information

 Size:20uL, 50uL, 100uL, 200uL
Observed MW:
35 kDa

## Calculated MW:

$35 \mathrm{kDa} / 38 \mathrm{kDa}$

Applications:
WB IHC
Reactivity:
Human, Mouse, Rat

## Antibody Information

Recommended dilutions:
WB 1:500-1:2000 IHC 1:50

- 1:200


## Source:

Rabbit

## Protein 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.

## Immunogen information

## Gene ID:

1490

## Uniprot

P29279

Synonyms:
CTGF; CCN2; HCS24; IGFBP8; NOV2

## Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 27-349 of human CTGF (NP_001892.1).

## Storage:

Store at $-20^{\circ} \mathrm{C}$. Avoid freeze / thaw cycles. Buffer: PBS with $0.02 \%$ sodium azide, $50 \%$ glycerol, pH7.3.

## Isotype:

IgG

## Purification:

Affinity purification


Western blot analysis of extracts of various cell lines, using CTGF antibody (CAB11456) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABSO14) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3\% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 60s.

Immunohistochemistry of paraffin-embedded Mouse spinal cord using CTGF Rabbit pAb (CAB11456) at dilution of 1:100 (40x lens).

Immunohistochemistry of paraffin-embedded Rat kidney using CTGF Rabbit pAb (CAB11456) at dilution of 1:100 (40x lens).

Immunohistochemistry of paraffin-embedded Human colon using CTGF Rabbit pAb (CAB11456) at dilution of 1:100 (40x lens).

