

Rabbit CTGF Polyclonal Antibody | anti-CTGF antibody

Phospho-CTGF (Ser118) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328240	Rabbit	Human, Mouse, RatPredicted: Pig, Bovine, Sheep, Rabbit, Chicken	ELISA, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

CTGF; Polyclonal Antibody; Phospho-CTGF (Ser118) Antibody; CCN 2; CCN family member 2; CCN2; Connective tissue growth factor; Ctgf; CTGF_HUMAN; Hcs 24; Hcs24; Hypertrophic chondrocyte specific protein 24; Hypertrophic chondrocyte-specific gene product 24; Hypertrophic chondrocyte-specific protein 24; IBP-8; IGF-binding protein 8; IGFBP-8; IGFBP8; Insulin like Growth Factor Binding Protein 8; Insulin-like growth factor-binding protein 8; MGC102839; NOV 2; NOV2; anti-CTGF antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat Predicted: Pig, Bovine, Sheep, Rabbit, Chicken
Clonality	Polyclonal
Isotype	IgG
Specificity	Phospho-CTGF(Ser118) Antibody detects endogenous levels of CTGF only when phosphorylated at Ser118.
Purity/Purification	Purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns.
Form/Format	Liquid; Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	349
Applicable Applications for anti-CTGF antibody	ELISA (Peptide ELISA), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human CTGF around the phosphorylation site of Ser118.
Tissue Specificity	Expressed in bone marrow and thymic cells. Also expressed one of two Wilms tumors tested.
Subcellular Location	Extracellular Region or Secreted
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



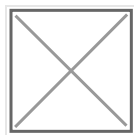
WB (Western Blot)

Western blot analysis of Phospho-CTGF(Ser118) in lysates of HeLa, using Phospho-CTGF(Ser118) Antibody.



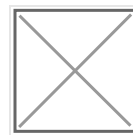
IHC (Immunohistochemistry)

At 1/100 staining mouse kidney tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary



IHC (Immunohistochemistry)

At 1/100 staining rat heart tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary



IHC (Immunohistochemistry)

At 1/100 staining human kidney tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary

ADDITIONAL INFORMATION

Related Product Information for anti-CTGF antibody

Description: 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.

Subunit Structure: Monomer.

Similarity: Belongs to the CCN family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503123
NCBI GeneID	1490
NCBI Accession #	NP_001892.1
NCBI GenBank Nucleotide #	NP_001892.1
UniProt Accession #	P29279
Molecular Weight	Observed: 38 kDa Predicted: 39 kDa
NCBI Official Full Name	CCN family member 2
NCBI Official Synonym Full Names	cellular communication network factor 2
NCBI Official Symbol	CCN2
NCBI Official Synonym Symbols	CTGF; NOV2; HCS24; IGFBP8
NCBI Protein Information	CCN family member 2
UniProt Protein Name	Connective tissue growth factor
UniProt Gene Name	CTGF
UniProt Synonym Gene Names	CCN2; HCS24; IGFBP8; IBP-8; IGF-binding protein 8; IGFBP-8
UniProt Entry Name	CTGF_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ctgf-antibody-peptide-elisa-immunohistochemistry-western-blot-elisa/328240>