10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Goat anti-CTGF (aa111-123) Antibody

Peptide-affinity purified goat antibody
Catalog # AF4502a

Product Information

Application	IHC, IF, Pep-ELISA
Primary Accession	P29279
Other Accession	NP_001892.1
Reactivity	Human, Mouse, Rat, Pig, Dog, Bovine
Host	Goat
Clonality	Polyclonal
Clone Names	CTGF
Calculated MW	38091

Additional Information

Gene ID	1490
Other Names	CTGF; connective tissue growth factor; CCN2; HCS24; IGFBP8; MGC102839; NOV2; CCN family member 2; IBP-8; IGF-binding protein 8; IGFBP-8; OTTHUMP00000017213; hypertrophic chondrocyte-specific protein 24; insulin-like growth factor-binding protein 8
Dilution	IHC~~1:100~500 IF~~1:50~200 Pep-ELISA~~N/A
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-CTGF (aa111-123) Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	CCN2 (HGNC:2500)
Function	Major connective tissue mitoattractant secreted by vascular endothelial cells. Promotes proliferation and differentiation of chondrocytes. Is involved in the stimulation of osteoblast differentiation and has a critical role in osteogenesis (PubMed:39414788). 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
Tissue Location	Expressed in bone marrow and thymic cells. Also expressed one of two Wilms tumors tested.