

CTGF Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP7778c**Specification**

CTGF Antibody (Center) Blocking Peptide - Product Information

Primary Accession [P29279](#)
Other Accession [NP_001892](#)

CTGF Antibody (Center) Blocking Peptide - Additional Information

Gene ID 1490

Other Names

Connective tissue growth factor, CCN family member 2, Hypertrophic chondrocyte-specific protein 24, Insulin-like growth factor-binding protein 8, IBP-8, IGF-binding protein 8, IGFBP-8, CTGF, CCN2, HCS24, IGFBP8

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP7778c](/products/AP7778c) was selected from the Center region of human CTGF. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

CTGF Antibody (Center) Blocking Peptide - Protein Information

Name CCN2 ([HGNC:2500](#))

Function

Major connective tissue mitogen attractant 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.

Cellular Location

Secreted, extracellular space, extracellular matrix {ECO:0000250|UniProtKB:P29268}. Secreted {ECO:0000250|UniProtKB:P29268}

Tissue Location

Expressed in bone marrow and thymic cells. Also expressed one of two Wilms tumors tested.

CTGF Antibody (Center) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

CTGF Antibody (Center) Blocking Peptide - Images**CTGF Antibody (Center) Blocking Peptide - Background**

Connective tissue growth factor (CTGF), a member of the CCN family of secreted matricellular proteins, regulates fibrosis, angiogenesis, cell proliferation, apoptosis, tumor growth, and metastasis.

CTGF Antibody (Center) Blocking Peptide - References

Li,M.H., Mol. Cancer Res. 6 (10), 1649-1656 (2008)Bogatkevich,G.S., Am. J. Physiol. Lung Cell Mol. Physiol. 295 (4), L603-L611 (2008)Zhang,P., Tohoku J. Exp. Med. 215 (3), 199-206 (2008)