

Rabbit Anti-Rat Connective Tissue Growth Factor (CTGF) Polyclonal Antibody

Cat. No.: VD1N195

Product Type: Animal-targeted Antibodies

Size: 100 µL; 200 µL; 1 mL

Product Overview

BioVenic rabbit polyclonal antibody is specific for rat connective tissue growth factor. It is affinity purified by protein A. It can be applied to WB, IHC, ICC and IP assays of rat connective tissue growth factor.

Specifications

Application	WB; IHC; ICC; IP
Clonality	Polyclonal
Classification	Primary Antibody
Clone	A3N53
Host	Rabbit
Target Species	Rat
Species Reactivity	Rat
Specificity	Rat Connective Tissue Growth Factor
Isotype	IgG
Immunogen	Recombinant protein of rat connective tissue growth factor
Purification	Protein A Purified
Concentration	0.5 mg/mL
Conjugation	Unconjugated
Preservative and Stabilizer	0.02% Sodium Azide
Buffer	Phosphate Buffered Saline, pH 7.4, with 50% Glycerol
Physical State	Liquid

Target Information

Rat Connective Tissue Growth Factor (CTGF) is a matricellular protein that plays a crucial role in tissue repair, fibrosis, and angiogenesis. It interacts with extracellular matrix components and growth factors, influencing cell adhesion, migration, and proliferation.

CTGF is highly expressed in fibroblasts and endothelial cells and is regulated by TGF- β signaling. This protein is essential for maintaining tissue homeostasis and plays a crucial role in wound healing and tissue regeneration.

Target	Rat Connective Tissue Growth Factor
Target Synonym	CCN2; CCN family member 2; Cellular communication network factor 2; Connective tissue growth factor
Gene ID	374135
UniProt ID	Q9R1E9

Shipping and Storage

This product is shipped with wet ice packs. Store at -20°C on receipt (up to 2 years). Avoid repeated freezing and thawing as this may denature the antibody.

The product is for research use only. Not for commercial, prophylactic, diagnostic, or therapeutic applications. Please determine the purpose of the product before purchasing. For further information and inquiry, please contact us.