

PRODUCT INFORMATION SUMMARY

ANTI-Human CTGF (Polyclonal Rabbit)

PRODUCT NUMBER	RHF461	Antigen Affinity Purif.*	0.1 mg
PRODUCT NUMBER	RHF461B	Biotin Conjugate	50 ug

ANTIGEN DISTRIBUTION AND SPECIFICITY:

Rabbit polyclonal antibodies specific for Human Connective Tissue Growth Factor (CTGF), also known as Hypertrophic Chondrocyte-Specific Protein-24. Developed using highly purified recombinant Human CTGF as immunogen.

Source: Rabbit serum, * **Antigen-Affinity Purified-** provides superior specificity, potency, higher titre for all applications.

Characterization:

ELISA : Antibody concentration of 0.5 - 1.0 ug/mL (100 uL/well) was used to detect 0.2 ng/well recombinant Human CTGF. **For Biotin conjugate, use at 0.20 - 0.30 ug/mL (100 uL/well).** Optimize all concentrations.

NEUTRALIZATION: Antibody concentration of 9.0 ug/mL achieved one-half maximal inhibition of 5.0 ug/mL human CTGF.

Western Blot: Use antigen-affinity purified antibody at 0.2 ug/mL to detect 2.0 ng/lane of human CTGF under reducing or non-reducing conditions.

HANDLING AND STORAGE:

Reagent supplied as sterile-filtered, lyophilized. **Store frozen at -20 deg. C.** Purified antibody should be reconstituted with 100 uL sterile water. **For Biotin conjugate, reconstitute with 1.0 mL sterile PBS containing 0.1% BSA.** Further dilutions should be made in a protein-containing buffer or other stabilizing medium (BSA or gelatin/PBS) to a concentration suitable for use in specific protocols. For long-term storage, store aliquots FROZEN at -20° C. Avoid freeze-thaw cycles. Antibody should be stable for up to 4 weeks without preservative, stored at 4 degrees C.

Reagent is provided preservative-free.

FOR RESEARCH USE ONLY. NOT INTENDED FOR THERAPEUTIC OR DIAGNOSTIC USE.