

Product datasheet for **AP01150BT-S**

CCN2 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, WB
Recommended Dilution:	Direct ELISA: To detect Human CTGF (using 100 µl/well antibody solution) a concentration of Approx. 1 µg/ml of this antibody is required. This Biotinylated polyclonal antibody, in conjunction with compatible secondary reagents, allows the detection of at least 0.2–0.4 ng/well of recombinant Human CTGF. Sandwich ELISA: To detect Human CTGF (using 100 µl/well antibody solution) a concentration of 0.25–1.0 µg/ml of this antibody is required. In conjunction with Polyclonal Anti-Human CTGF (AP01150PU-N or AP01150PU-S) as a Capture antibody, it allows the detection of at least 0.2–0.4 ng/well of recombinant Human CTGF. Western blot: To detect Human CTGF this antibody can be used at a concentration of 0.1–0.2 µg/ml. Used in conjunction with compatible secondary reagents the detection limit for recombinant Human CTGF is 1.5–3.0 ng/lane, under either reducing or non-reducing conditions.
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Highly pure (> 98%) recombinant Human CTGF
Specificity:	This antibody detects Connective Tissue Growth Factor.
Formulation:	PBS, pH 7.2 without preservatives Label: Biotin State: Lyophilized (sterile filtered) purified Ig fraction
Reconstitution Method:	Centrifuge vial prior to opening. Restore in sterile PBS containing 0.1% BSA to a concentration of 0.1–1.0 mg/ml.
Purification:	Affinity Chromatography
Conjugation:	Biotin
Storage:	The lyophilized antibody is stable for at least 2 years from date of receipt at -20°C. Store the reconstituted antibody at 2–8°C for one month or at -20°C (in aliquots) for longer. Avoid repeated freezing and thawing.



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Stability:	Shelf life: one year from despatch.
Gene Name:	connective tissue growth factor
Database Link:	Entrez Gene 1490 Human P29279
Background:	CTGF (connective tissue growth factor) is a 38kDa, cysteine-rich, secreted peptide. It is a new member of the peptide family that include serum-induced immediate early gene products, a v-src-induced peptide and a putative proto-oncogene. Among the many functions of the CTGF gene family are embryogenesis, wound healing and regulation of extracellular matrix production.
Synonyms:	CCN2, HCS24, IGFBP8, Connective tissue growth factor, IGF-binding protein 8,IBP8