Rabbit CTGF Polyclonal Antibody | anti-CTGF antibody

RABBIT ANTI HUMAN CTGF

CATALOG #	HOST	APPLICATIONS
AAA50006	**Rabbit**	**Western Blot, Immunohistochemistry, Immunofluorescence, Functional Assay, ELISA**

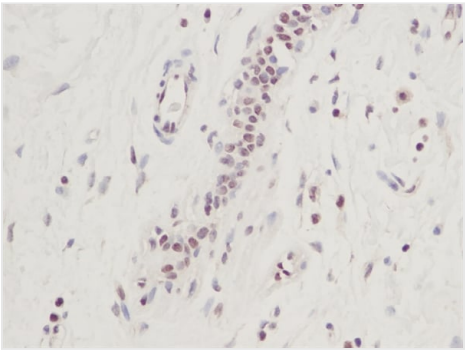
PRODUCT SYNONYMS

CTGF; Polyclonal Antibody; RABBIT ANTI HUMAN CTGF; anti-CTGF antibody

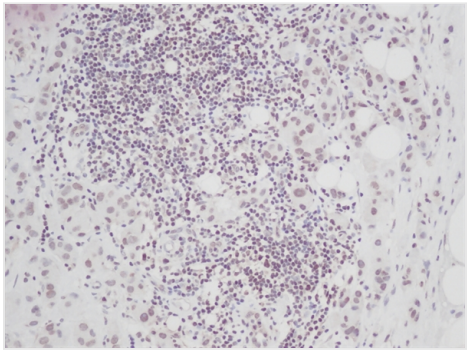
PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Form/Format	Purified Purified IgG - lyophilised
Concentration	IgG concentration 1.0mg/ml after reconstitution. (varies by lot)
Sequence Length	349
Applicable Applications for anti-CTGF antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), FA (Functional Assay), ELISA
Reconstitution	Reconstitute with 0.1ml distilled water. For long term storage the addition of 0.09% sodium azide is recommended. NB: For functional studies do not add azide.
Immunogen	Recombinant human CTGF. Buffer Solution
Antiserum Preparation	Antisera to human CTGF were raised by repeated immunisations of rabbits with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.
Target Species	Human
Preparation and Storage	Prior to reconstitution store at 4 degree C. After reconstitution store at -20 degree C. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 12 months from date of reconstitution.

IMAGES



Application Data
Formalin fixed, paraffin embedded human breast invasive malignant carcinoma stained with Rabbit anti Human CTGF (AAA50006) following heat mediated antigen retrieval using sodium citrate buffer (pH6.0



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ADDITIONAL INFORMATION

Related Product Information for anti-CTGF antibody	Rabbit anti Human CTGF antibody specifically recognizes human CTGF (connective tissue growth factor), a 323 amino acid polypeptide and member of the CCN family of secreted cysteine rich regulatory proteins, which is produced by vascular endothelial and umbilical vein cells, and interacts with several other growth factors, including transforming growth factor beta (TGF-beta), vascular endothelial growth factor (VEGF) and bone morphogenetic proteins (BMPs). CTGF is a heparin-binding pleiotropic growth factor involved in chondrogenesis and potentially skeletogenesis. CTGF promotes the adhesion of epithelial cells and fibroblasts, stimulates integrin expression, and also promotes endothelial cell survival, migration and adhesion, implicating CTGF in angiogenesis. CTGF induces extracellular matrix formation, including the deposition of excessive collagen in fibrotic diseases, and has also been implicated in wound healing.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503123
NCBI GeneID	1490
NCBI Accession #	NP_001892.1
NCBI GenBank Nucleotide #	NM_001901.2
UniProt Accession #	P29279; Q6LCY0; Q96A79; Q96QX2; Q9UDL6; E1P578
Molecular Weight	35,205 Da
NCBI Official Full Name	connective tissue growth factor
NCBI Official Synonym Full Names	connective tissue growth factor
NCBI Official Symbol	CTGF
NCBI Official Synonym Symbols	CCN2; NOV2; HCS24; IGFBP8
NCBI Protein Information	connective tissue growth factor; CCN family member 2; IBP-8; IGF-binding protein 8; IGFBP-8; hypertrophic chondrocyte-specific protein 24; insulin-like growth factor-binding protein 8
UniProt Protein Name	Connective tissue growth factor
UniProt Gene Name	**CTGF**
UniProt Synonym Gene Names	CCN2; HCS24; IGFBP8; IBP-8; IGF-binding protein 8; IGFBP-8
UniProt Entry Name	CTGF_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/polyclonal/ctgf-antibody-western-blot-immunohistochemistry-immunofluorescence-functional-assay-elisa/50006