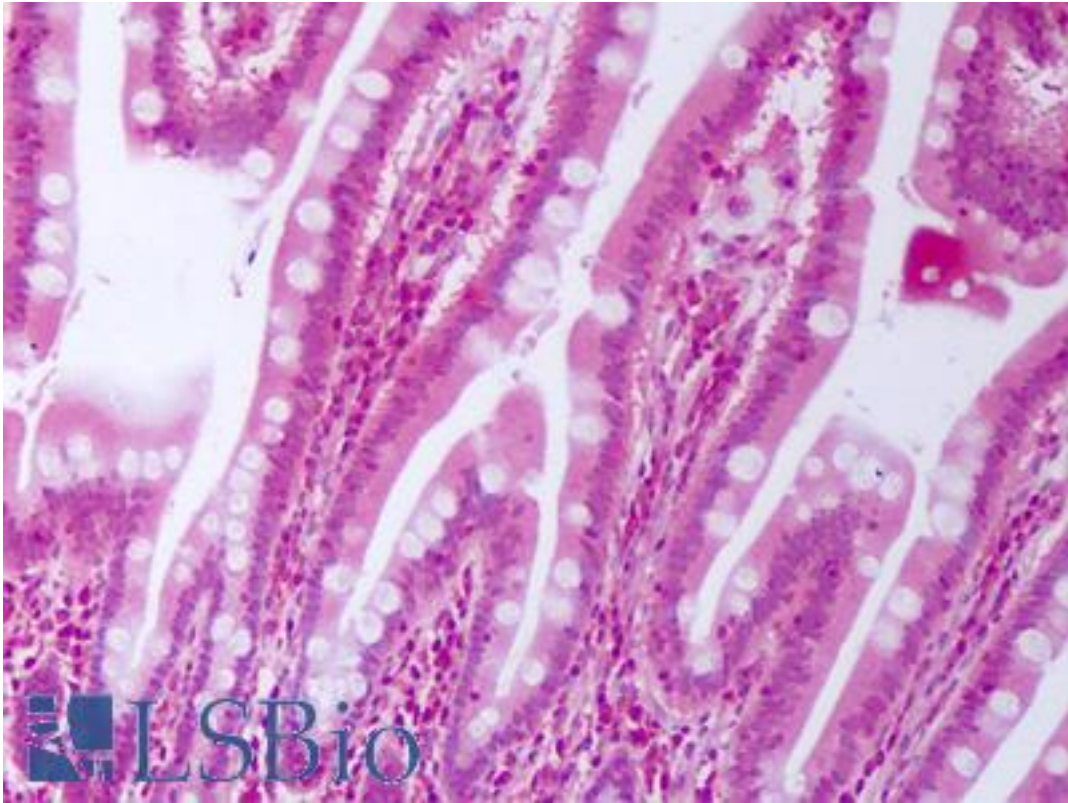


CTGF Rabbit anti-Human Polyclonal Antibody - LS-B7479 - LSBio

CatalogID:	LS-B7479
Validation:	This antibody replaces catalog number LS-C104678. It has been validated for use in the following assays: IHC-P.
Target:	connective tissue growth factor (CTGF)
Synonyms:	CTGF Antibody, CCN family member 2 Antibody, CCN2 Antibody, IGFBP8 Antibody, IGF-binding protein 8 Antibody, NOV2 Antibody, HCS24 Antibody, IBP-8 Antibody, IGFBP-8 Antibody
Family / Subfamily:	Hormone / not assigned-Hormone
Host	CTGF antibody was produced in Rabbit
Clonality:	Polyclonal
Isotype:	IgG
Immunogen Species:	CTGF antibody was raised against Human
Antigen Type:	Cell extract
Immunogen:	CTGF antibody was raised against e.coli derived recombinant Human CTGF.
Specificity:	Human CTGF
Reactivity:	Human
Purification:	Immunoaffinity purified
Reconstitution:	Sterile water. Possible additional volumes for resuspension: 50 µl
Presentation:	Lyophilized from PBS, pH 7.2
Recommended Storage:	Store Lyophilized at room temperature up to 1 month; Reconstituted for up to two weeks at 2-8°C. Aliquot and freeze at -20°C for long term storage. Avoid freeze/thaw cycles.
Usage Summary:	Immunohistochemistry: LS-B7479 in an IHC-plus antibody, validated by our pathologists for use in IHC against formalin-fixed, paraffin-embedded human tissues (IHC validation procedure). A concentration of 5 ug/ml is recommended. Neutralization: To yield one-half maximal inhibition [ND] of the biological activity of hCTGF (5 ug/ml), a concentration of 6-9 ug/ml of this antibody is required. ELISA: To detect hCTGF by sandwich ELISA (using 100 ul/well antibody solution) a concentration of 0.5-2 ug/ml of this antibody is required. This antigen affinity purified antibody, in conjunction with Biotinylated Anti-Human CTGF (LS-C104563) as a detection antibody, allows the detection of at least 0.2-0.4 ng/well of recombinant hCTGF. Western Blot: To detect hCTGF by Western Blot analysis this antibody can be used at a concentration of 0.1-0.2 ug/ml. Used in conjunction with compatible secondary reagents the detection limit for recombinant hCTGF is 1.5-3 ng/lane, under either reducing or non-reducing conditions.
Uses:	IHC - Paraffin (5 µg/ml), Western blot, ELISA (0.5 - 2 µg/ml), Neutralization (6 - 9 µg/ml) (Optimal dilution to be determined by the researcher)
Size:	50 µg
Concentration:	1 mg/ml (after resuspension)

Immunohistochemistry Image:



Anti-CTGF antibody IHC of human small intestine. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody LS-B7479 concentration 5 ug/ml.

Western Blot Image:



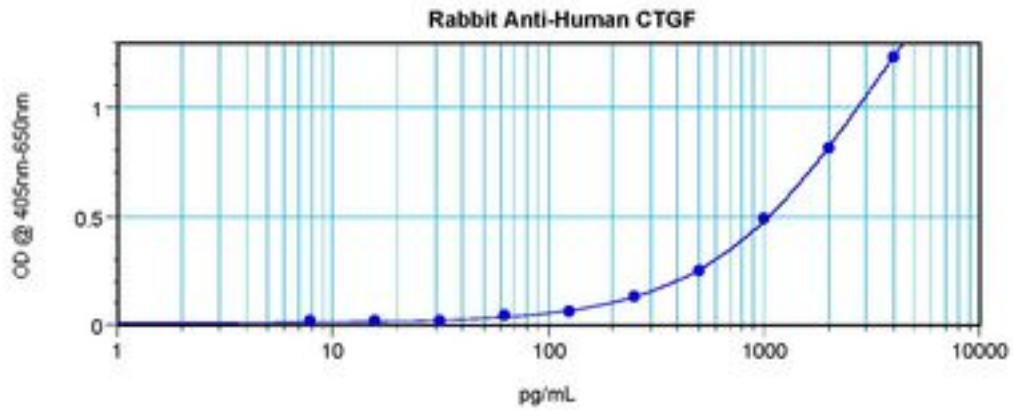
Western Blot (reducing) of CTGF antibody LS-B7479

Western Blot Image:



Western Blot (non-reducing) of CTGF antibody LS-B7479

ELISA Image:



Sandwich ELISA of CTGF antibody LS-B7479

Requested From:

Japan

Laboratory Reagent For In Vitro Research Use Only

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