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Research Use Only. Not for diagnostic or therapeutic use.

EB11761 - Goat Anti-CTGF (aa111-123) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: CCN family member 2, CCN2, connective tissue growth factor, CTGF, HCS24, hypertrophic chondrocyte-specific protein 24, IBP-8, IGF-binding protein 8, IGFBP-8, insulin-like growth factor-binding protein 8, MGC102839,

OTTHUMP00000017213, NOV2

Official Symbol: CTGF

Accession Number(s): NP_001892.1

Human GeneID(s): 1490

Non-Human GenelD(s): 14219 (mouse), 64032 (rat)

Immunogen

Peptide with sequence RSGESFQSSCKYQ, from the internal region of the protein sequence according to NP_001892.1.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:16000.

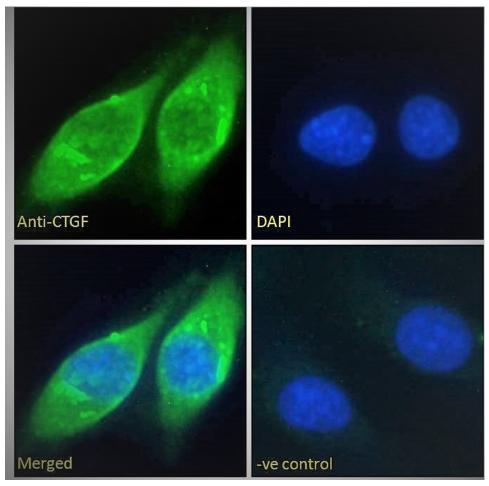
IHC: Paraffin embedded Human Thyroid. Recommended concentration: 5µg/ml.

Immunofluorescence: Strong expression of the protein seen in the cytoplasm of HepG2 and NIH3T3 cells. Recommended concentration: 10μg/ml.

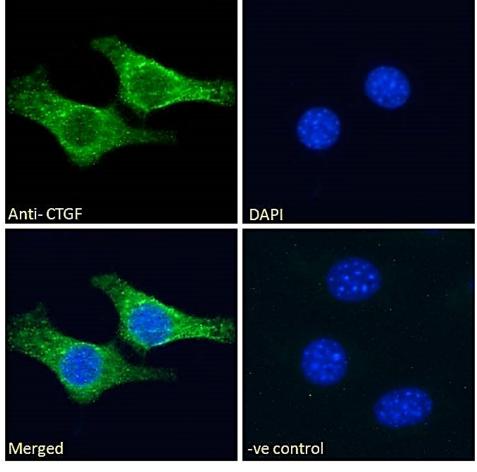
Species Reactivity

Tested: Human, Mouse

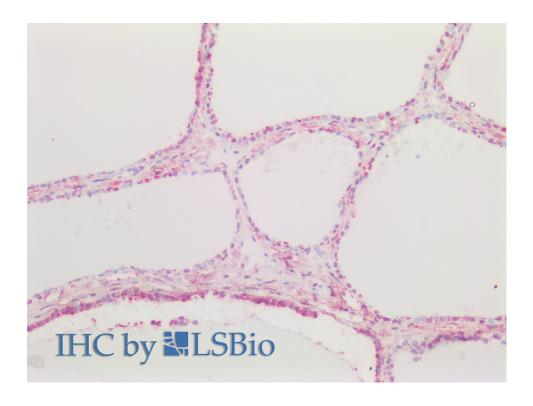
Expected from sequence similarity: Human, Mouse, Rat, Dog, Pig, Cow



EB11761 Immunofluorescence analysis of paraformaldehyde fixed HepG2 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



EB11761 Immunofluorescence analysis of paraformaldehyde fixed NIH3T3 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



EB11761 (5μg/ml) staining of paraffin embedded Human Thyroid. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.