

# IHC*easy* CTGF/CCN2 Ready-To-Use IHC Kit

Catalog Number: **KHC1108**

## General Information

**Sample type:**  
FFPE tissue

**Cited sample type:**

**Reactivity:**  
Human, Mouse, Rat

**Cited Reactivity:**

**Assay type:**  
Immunohistochemistry

**Primary antibody type:**  
Rabbit Polyclonal

**Secondary antibody type:**  
Polymer-HRP-Goat anti-Rabbit

## Kit Component

Component	Size	Concentration
Antigen Retrieval Buffer	100 mL	50×
Washing Buffer	100 mL × 2	20×
Blocking Buffer	5 mL	RTU
Primary Antibody	5 mL	RTU
Secondary Antibody	5 mL	RTU
Chromogen Component A	0.2 mL	RTU
Chromogen Component B	4 mL	RTU
Signal Enhancer	5 mL	RTU
Counter Staining Reagent	5 mL	RTU
Mounting Media	5 mL	RTU
Control Slide	1 slide (Optional)	FFPE
Datasheet	1 Copy	
Manual	1 Copy	

## Storage Instructions

All the reagents are stored at 2-8°C. The kit is stable for 6 months from the date of receipt.

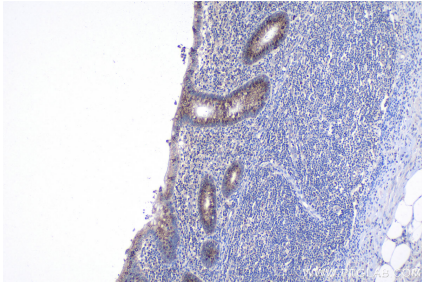
## Background

CTGF, also known as CCN2 or connective tissue growth factor, is a member of the CCN family of matricellular proteins. CTGF, a cysteine-rich, matrix-associated, heparin-binding protein, is widely expressed in various human tissues and organs. CTGF has important roles in many biological processes, including cell adhesion, migration, proliferation, angiogenesis, skeletal development, and tissue wound repair, and is critically involved in fibrotic disease and several forms of cancers.

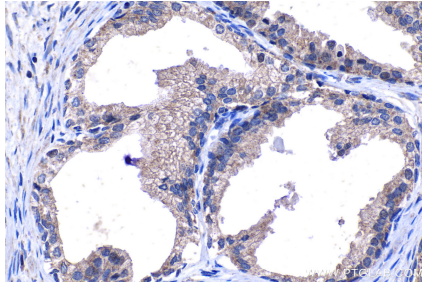
## Synonyms

CCN family member 2, CCN2, CTGF, HCS24, IBP 8, IGF binding protein 8, IGFBP 8, IGFBP8, NOV2

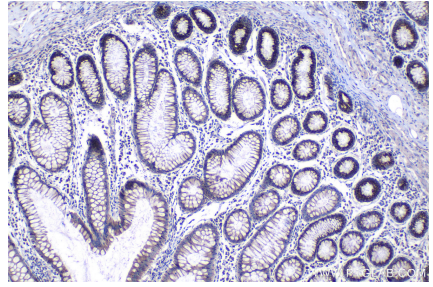
## Selected Validation Data



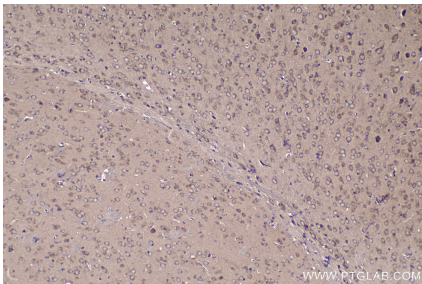
Immunohistochemical analysis of paraffin-embedded human appendicitis tissue slide using KHC1108 (CTGF/CCN2 IHC Kit).



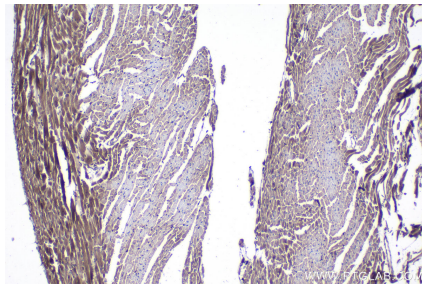
Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using KHC1108 (CTGF/CCN2 IHC Kit).



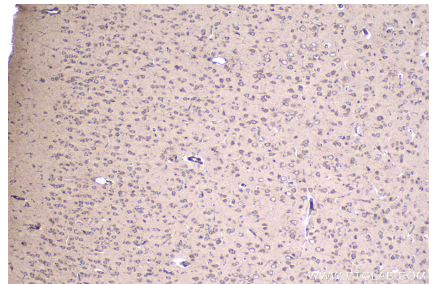
Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using KHC1108 (CTGF/CCN2 IHC Kit).



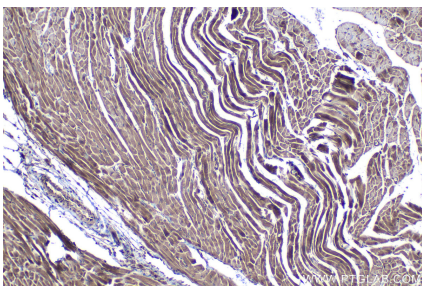
Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using KHC1108 (CTGF/CCN2 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using KHC1108 (CTGF/CCN2 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat brain tissue slide using KHC1108 (CTGF/CCN2 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat heart tissue slide using KHC1108 (CTGF/CCN2 IHC Kit).