

IHC*easy* RTCB Ready-To-Use IHC Kit

Catalog Number: **KHC0860**

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.

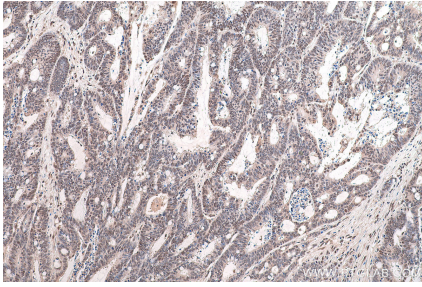
Background

RTCB (also known as HSPC117, C22orf28, FAAP and D10Wsu52e) is an essential subunit of a tRNA ligase complex that is involved in RNA repair and stress-induced splicing. As a multifunctional protein, RTCB is also a cell adhesion protein and is important in embryo and placenta development. Recently RTCB has been identified as UPR RNA ligase catalyzing unconventional XBP1 mRNA splicing.

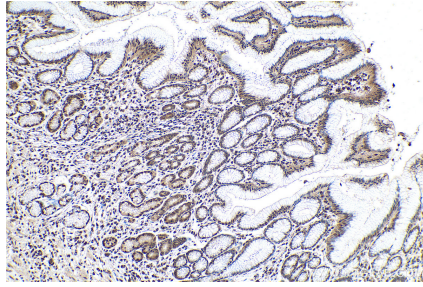
Synonyms

C22orf28, FAAP, focal adhesion associated protein, hematopoietic stem/progenitor cell 117, HSPC117, RtcB, RtcB-Specific

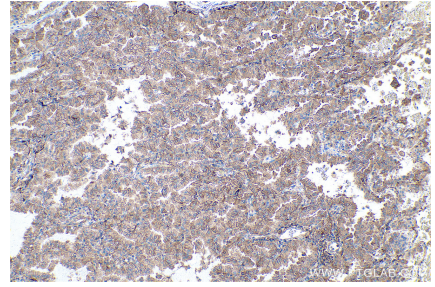
Selected Validation Data



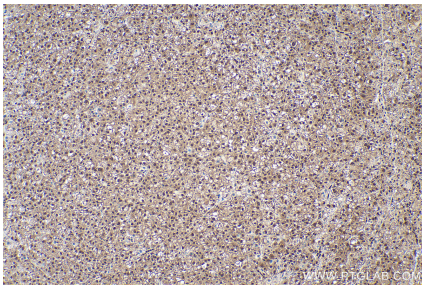
Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using KHC0860 (RTCB IHC Kit).



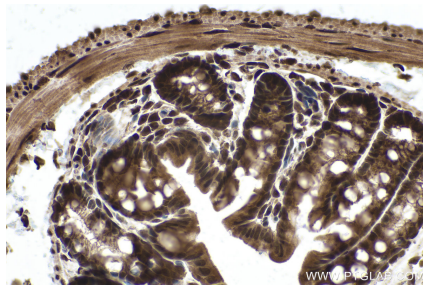
Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using KHC0860 (RTCB IHC Kit).



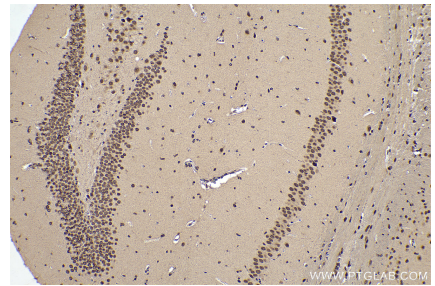
Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using KHC0860 (RTCB IHC Kit).



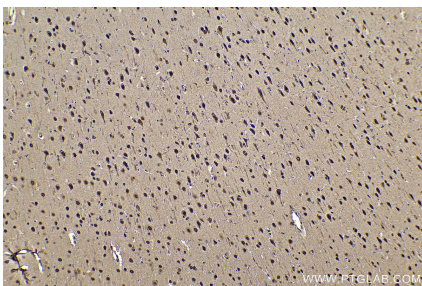
Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using KHC0860 (RTCB IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse colon tissue slide using KHC0860 (RTCB IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using KHC0860 (RTCB IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat brain tissue slide using KHC0860 (RTCB IHC Kit).