

IHC*easy* RCN2 Ready-To-Use IHC Kit

Catalog Number: **KHC0862**

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.

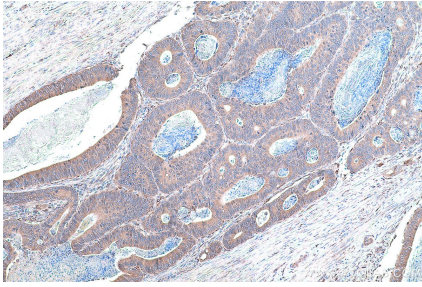
Background

Reticulocalbin 2 (RCN2) is a Ca²⁺-binding protein that is specifically localized in the endoplasmic reticulum (ER). It is also termed ERC-55, i.e. ER calcium-binding protein of 55 kDa. It is a single copy gene and is encoded by an approximately 1900-base mRNA, which shows a ubiquitous expression pattern. The protein comprises an amino-terminal signal sequence followed by six copies of the EF-hand Ca²⁺ binding motif.

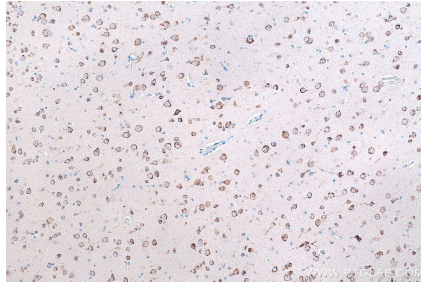
Synonyms

Calcium binding protein ERC 55, E6 binding protein, E6BP, ERC 55, ERC55, RCN2, Reticulocalbin 2, TCBP49

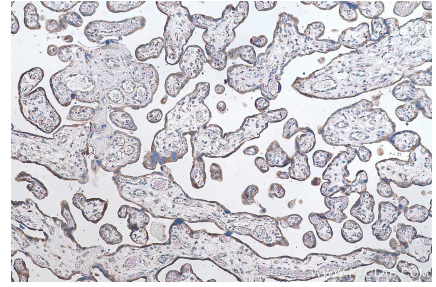
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using KHC0862 (RCN2 IHC Kit).



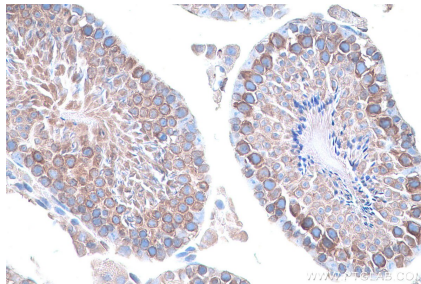
Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using KHC0862 (RCN2 IHC Kit).



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using KHC0862 (RCN2 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using KHC0862 (RCN2 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using KHC0862 (RCN2 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat brain tissue slide using KHC0862 (RCN2 IHC Kit).