

# IHC*easy* RNF34 Ready-To-Use IHC Kit

Catalog Number: **KHC2773**

## 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.

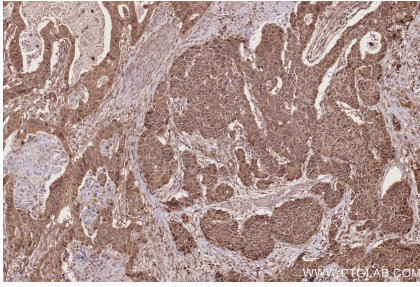
## Background

RNF34 is an E3 ubiquitin ligase that regulates protein substrates by post-translational modification. It is associated with regulating postsynaptic  $\gamma$  2-GABAAR clustering and GABAergic synaptic innervation in hippocampal neurons, indicating the importance of RNF34 in regulating neurological function. It is preferentially expressed in esophageal, gastric, and colorectal cancers, suggesting a possible association between RNF34 and the development of digestive tract cancers.

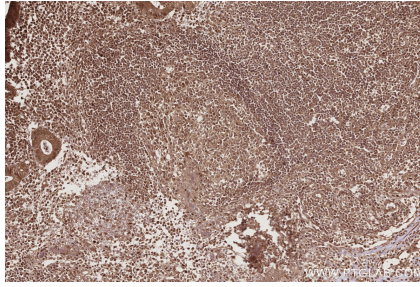
## Synonyms

CARP 1, CARP-1, Caspase regulator CARP1, Caspases-8 and -10-associated RING finger protein 1, E3 ubiquitin-protein ligase RNF34

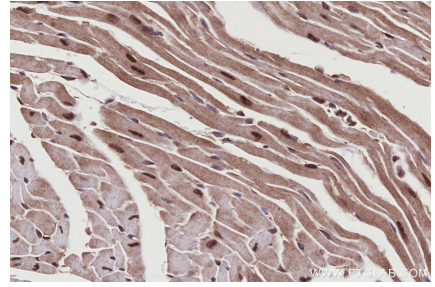
## Selected Validation Data



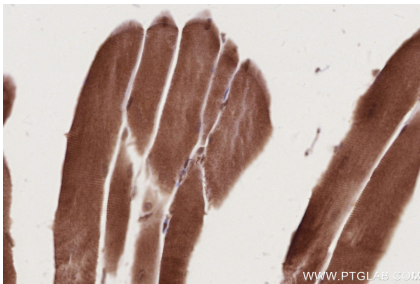
Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using KHC2773 (RNF34 IHC Kit).



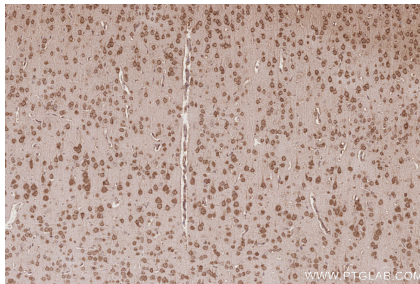
Immunohistochemical analysis of paraffin-embedded human appendicitis tissue slide using KHC2773 (RNF34 IHC Kit).



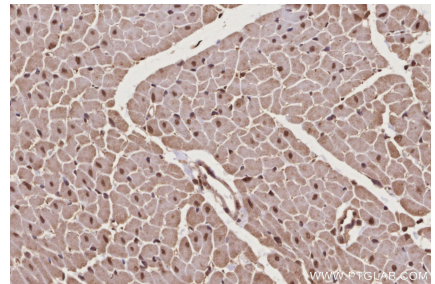
Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using KHC2773 (RNF34 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse skeletal muscle tissue slide using KHC2773 (RNF34 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat brain tissue slide using KHC2773 (RNF34 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat heart tissue slide using KHC2773 (RNF34 IHC Kit).