

# IHC*easy* RPN2 Ready-To-Use IHC Kit

Catalog Number: **KHC0711**

## 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.

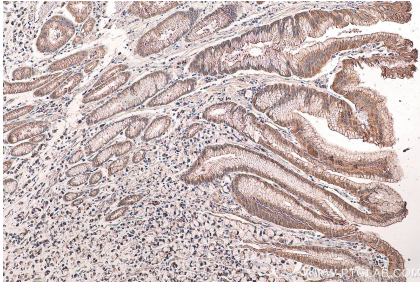
## Background

RPN2 (Ribophorin II), an integral rough ER membrane glycoprotein, is part of an N-oligosaccharyl transferase complex and is involved in translocation and the maintenance of the structural uniqueness of the rough ER. RPN2 expression has been reported to be significantly associated with solid cancers, including breast cancer, esophageal squamous cell carcinoma, colorectal cancer, and lung squamous cell carcinoma.

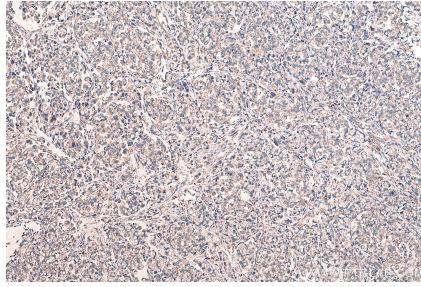
## Synonyms

RIBIIR, Ribophorin 2, ribophorin II, RPN II, RPN2, RPNII, SWP1

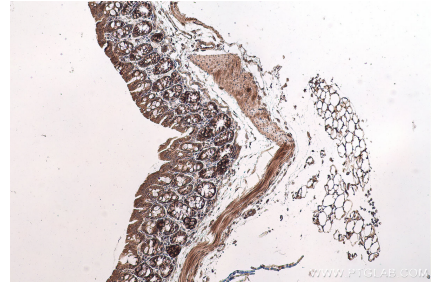
## Selected Validation Data



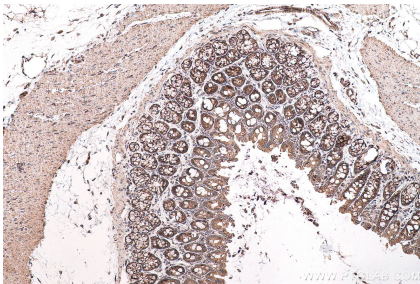
Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using KHC0711 (RPN2 IHC Kit).



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using KHC0711 (RPN2 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse colon tissue slide using KHC0711 (RPN2 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat colon tissue slide using KHC0711 (RPN2 IHC Kit).