

IHC*easy* PTPIP51 Ready-To-Use IHC Kit

Catalog Number: **KHC2838**

General Information

Sample type:
FFPE tissue
Cited sample type:
Reactivity:
Human, Mouse
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

Protein tyrosine phosphatase-interacting protein 51 (PTPIP51), also known as RMDN3, is a mitochondrial membrane-anchored protein that interacts with ER membrane-bound VAPB. The VAPB-PTPIP51 interaction impacts on intracellular Ca²⁺ handling. PTPIP51 participates in multiple cellular processes, and dysfunction of PTPIP51 is implicated in diseases such as cancer and neurodegenerative disorders.

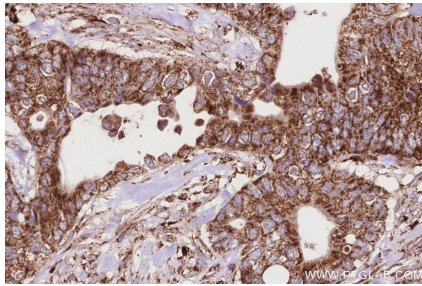
Synonyms

FAM82A2, FAM82C, hRMD 3, hRMD-3, hucep-10

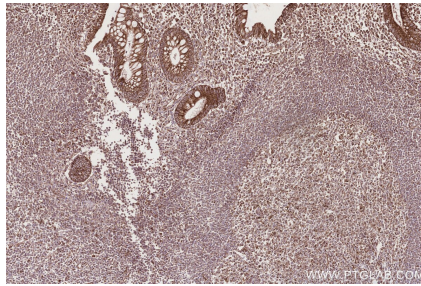
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

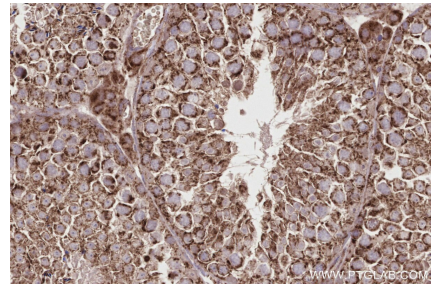
Selected Validation Data



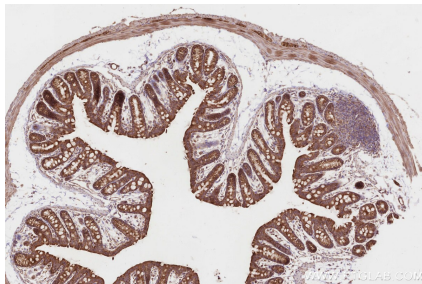
Immunohistochemical analysis of paraffin-embedded human rectal cancer tissue slide using KHC2838 (PTPIP51 IHC Kit).



Immunohistochemical analysis of paraffin-embedded human appendicitis tissue slide using KHC2838 (PTPIP51 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using KHC2838 (PTPIP51 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse colon tissue slide using KHC2838 (PTPIP51 IHC Kit).