

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

Catalog Number: **KHC1839**

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.

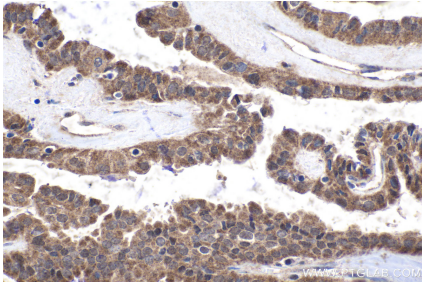
Background

FLCN, also named as BHD, belongs to the folliculin family. It may play a role in the pathogenesis of an uncommon form of kidney cancer through its association with an inherited disorder of the hair follicle (fibrofolliculomas). FLCN may be a tumor suppressor. It is involved in colorectal tumorigenesis. It may be involved in energy and/or nutrient sensing through the AMPK and mTOR signaling pathways. Mutation of FLCN may cause the BHD(Birt-Hogg-Dube syndrome) or (PSP) primary spontaneous pneumothorax. And it may be involved in renal cell carcinoma.

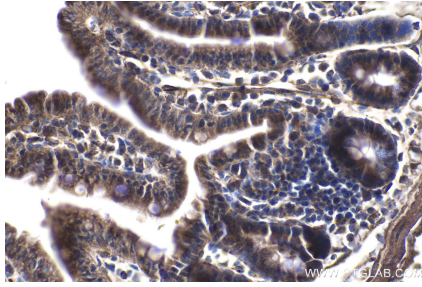
Synonyms

BHD, FLCL, FLCN, folliculin

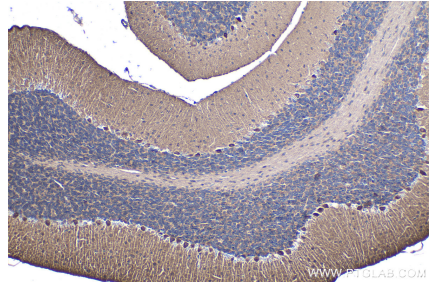
Selected Validation Data



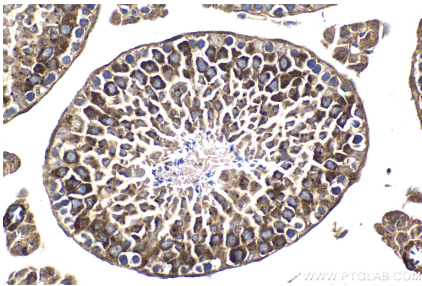
Immunohistochemical analysis of paraffin-embedded human thyroid cancer tissue slide using KHC1839 (FLCN IHC Kit).



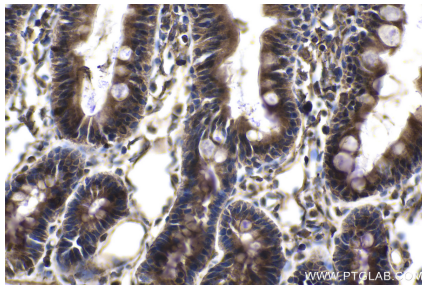
Immunohistochemical analysis of paraffin-embedded mouse small intestine tissue slide using KHC1839 (FLCN IHC Kit).



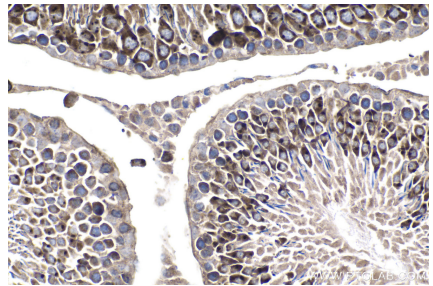
Immunohistochemical analysis of paraffin-embedded mouse cerebellum tissue slide using KHC1839 (FLCN IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using KHC1839 (FLCN IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat small intestine tissue slide using KHC1839 (FLCN IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat testis tissue slide using KHC1839 (FLCN IHC Kit).