

IHCeasy[®] ABHD5 Ready-To-Use IHC Kit

Catalog Number: **KHC1113**

General Information

Sample type:
FFPE tissue
Cited sample type:
Reactivity:
Human
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.

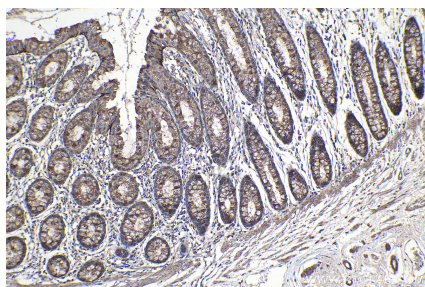
Background

ABHD5, also named as NCIE2 and CGI-58, belongs to the peptidase S33 family. It is a Lysophosphatidic acid acyltransferase which functions in phosphatidic acid biosynthesis. ABHD5 may regulate the cellular storage of triacylglycerol through activation of the phospholipase PNPLA2. It is involved in keratinocyte differentiation. ABHD5 is an evolutionarily conserved protein that acts as a potent activator of Atgl. Abhd5 is expressed in several tissues that lack Plin , raising the possibility that this co-activator might interact with additional PAT proteins. Abhd5 and Mldp are highly colocalized on individual lipid droplets. Defects in ABHD5 are the cause of Chanarin-Dorfman syndrome (CDS).

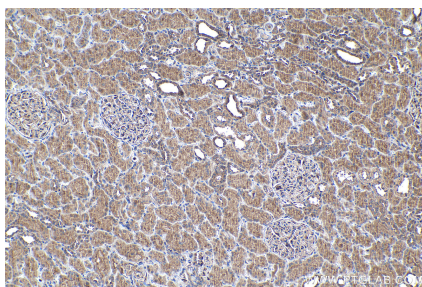
Synonyms

ABHD5, CDS, CGI58, IECN2, NCIE2

Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human colon tissue slide using KHC1113 (ABHD5 IHC Kit).



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using KHC1113 (ABHD5 IHC Kit).