

IHC*easy* CHCHD3 Ready-To-Use IHC Kit

Catalog Number: **KHC1970**

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.

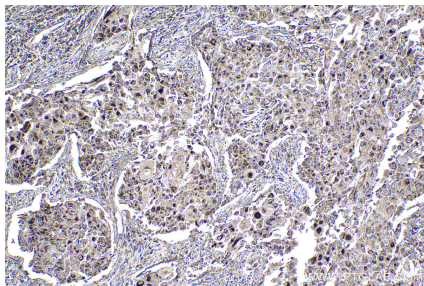
Background

CHCHD3, initially identified as a substrate for cAMP-dependent protein kinase (PKA), is a ubiquitous protein in the mitochondria and plays a prominent role in maintaining cristae integrity and mitochondrial function. In mitochondria, ChChd3 is predominantly localized to the inner membrane (IM), facing toward the intermembrane space (IMS), and is part of the large protein complex now called as MINOS (mitochondrial inner membrane organizing system), or MIB (mitochondrial intermembrane space bridging). CHCHD3 is highly conserved in mammals with human and mouse protein sharing 92% sequence similarity.

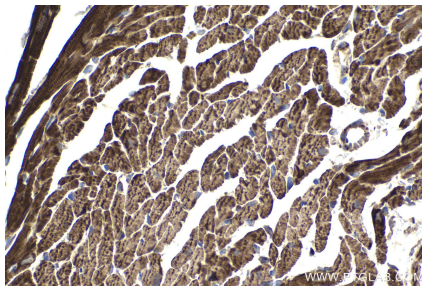
Synonyms

CHCHD3, MIC19, MINOS3

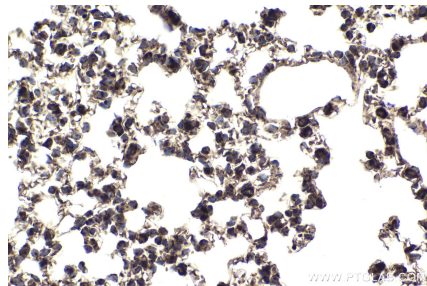
Selected Validation Data



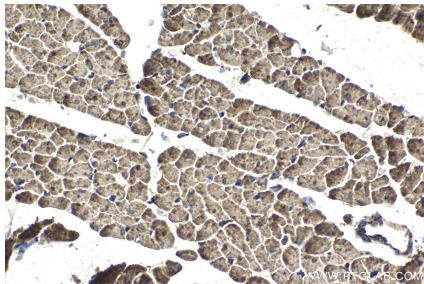
Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using KHC1970 (CHCHD3 IHC Kit).



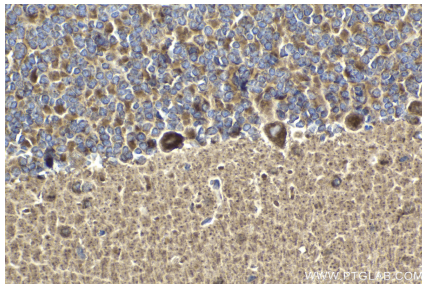
Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using KHC1970 (CHCHD3 IHC Kit).



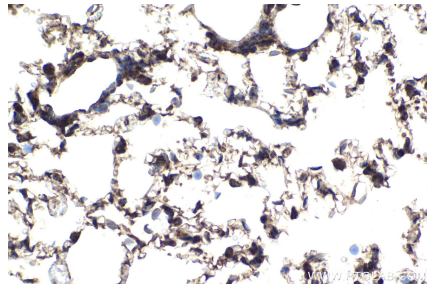
Immunohistochemical analysis of paraffin-embedded mouse lung tissue slide using KHC1970 (CHCHD3 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat heart tissue slide using KHC1970 (CHCHD3 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat cerebellum tissue slide using KHC1970 (CHCHD3 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat lung tissue slide using KHC1970 (CHCHD3 IHC Kit).