

IHCeasy[®] MTCO3 Ready-To-Use IHC Kit

Catalog Number: **KHC3160**

General Information

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

Assay type:
Immunohistochemistry
Primary antibody type:
Rabbit Recombinant
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.

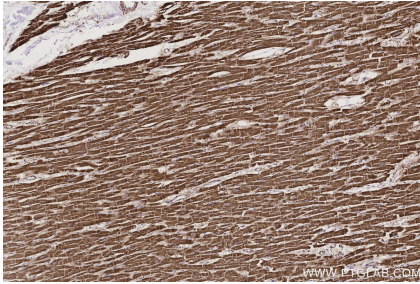
Background

MTCO3 (cytochrome c oxidase subunit III) is a mitochondrial DNA encoded subunit of respiratory Complex IV which is located within the mitochondrial inner membrane and is the final enzyme of the electron transport chain of mitochondrial oxidative phosphorylation.

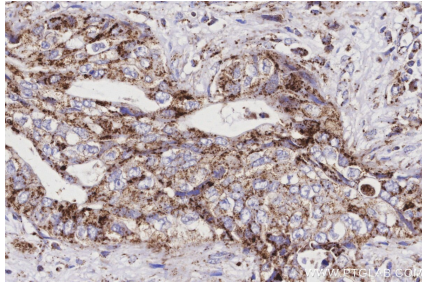
Synonyms

COX3, COIII, COX 3, COXIII, MT CO3

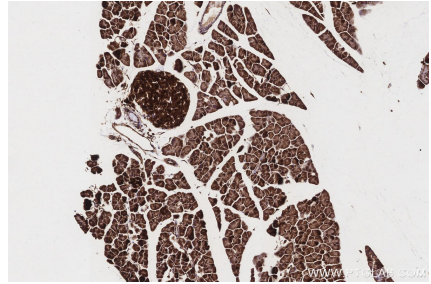
Selected Validation Data



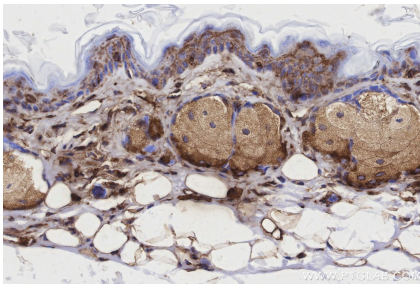
Immunohistochemical analysis of paraffin-embedded human heart tissue slide using KHC3160 (MTCO3 IHC Kit).



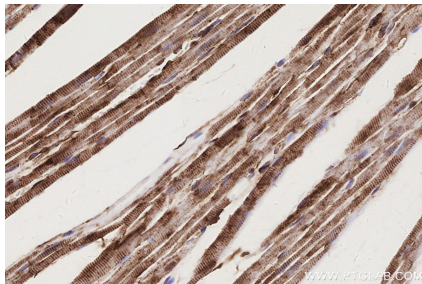
Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using KHC3160 (MTCO3 IHC Kit).



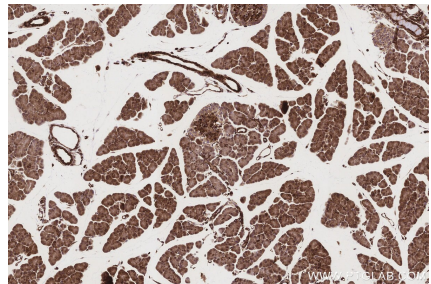
Immunohistochemical analysis of paraffin-embedded mouse pancreas tissue slide using KHC3160 (MTCO3 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse skin tissue slide using KHC3160 (MTCO3 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat heart tissue slide using KHC3160 (MTCO3 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat pancreas tissue slide using KHC3160 (MTCO3 IHC Kit).