

IHC*easy* COA6 Ready-To-Use IHC Kit

Catalog Number: **KHC1023**

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.

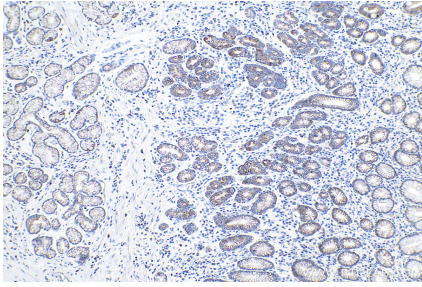
Background

C1orf31, also known as COA6, is a conserved mitochondrial protein required for respiratory complex IV biogenesis. Recently study reported that C1orf31 is required for maintenance of cytochrome c oxidase (CcO) subunit levels, and has role in the Cu delivery pathway to CcO. Defects in C1orf31 is associated with mitochondrial respiratory chain disease (MRCD).

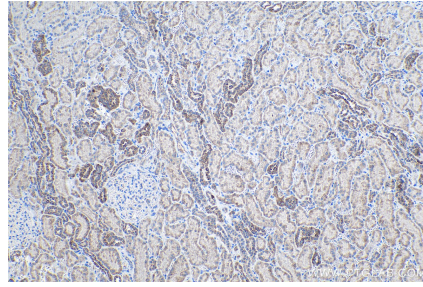
Synonyms

C1orf31, COA6, Cytochrome c oxidase assembly factor 6 homolog

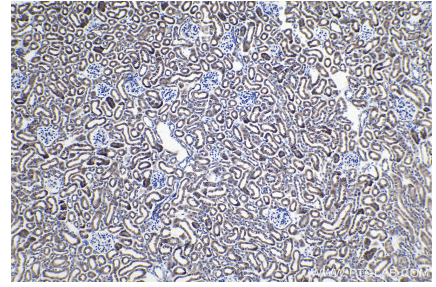
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using KHC1023 (COA6 IHC Kit).



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using KHC1023 (COA6 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using KHC1023 (COA6 IHC Kit).