

For Research Use Only

IHCeasy 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 Сору | |
| Manual | 1 Сору | |

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).

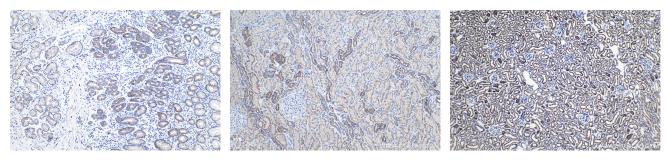
Synonyms

C1orf31, COA6, Cytochrome c oxidase assembly factor 6 homolog

For technical support and original validation data for this product please contact: T: 1 (888) 4PTGLAB (1-888-478-4522) (toll E: proteintech@ptglab.com free in USA), or 1(312) 455-8498 (outside W: ptglab.com USA)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunohistochemical analysis of paraffinembedded human stomach cancer tissue slide using KHC1023 (COA6 IHC Kit). Immunohistochemical analysis of paraffinembedded human kidney tissue slide using KHC1023 (COA6 IHC Kit).

Immunohistochemical analysis of paraffinembedded mouse kidney tissue slide using KHC1023 (COA6 IHC Kit).