

PACO41186

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## Product Information

**Size:**

50ug

**Reactivity:**

Human

**Source:**

Rabbit

**Isotype:**

IgG

**Applications:**

ELISA, IHC, IF

**Recommended dilutions:**

ELISA:1:2000-1:10000, IHC:1:20-1:200,  
IF:1:50-1:200

**Protein Background:**

Negatively regulates the activity of MCU, the mitochondrial inner membrane calcium uniporter, and thereby modulates calcium uptake into the mitochondrion. Does not form functional calcium channels by itself. Mitochondrial calcium homeostasis plays key roles in cellular physiology and regulates cell bioenergetics, cytoplasmic calcium signals and activation of cell death pathways.

**Gene ID:**

MCUB

**Uniprot**

Q9NWR8

**Synonyms:**

Calcium uniporter regulatory subunit MCUB, mitochondrial (MCUB) (Coiled-coil domain-containing protein 109B), MCUB, CCDC109B

**Immunogen:**

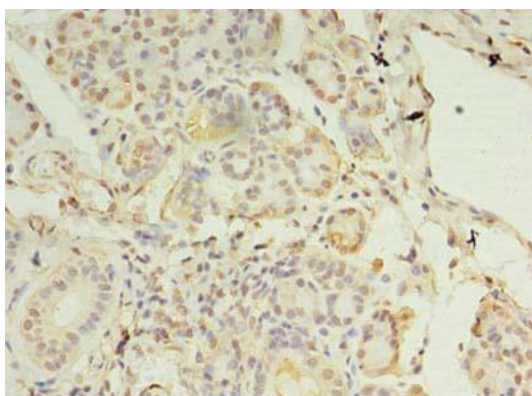
Recombinant Human Calcium uniporter regulatory subunit MCUB, mitochondrial protein (89-219AA).

**Storage:**

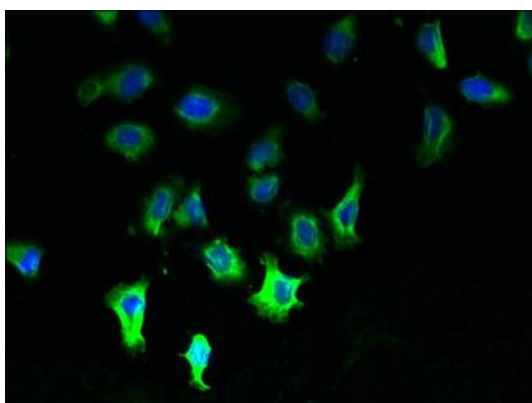
Preservative: 0.03% Proclin 300. Constituents: 50% Glycerol, 0.01M PBS, PH 7.4

## Product Images

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Immunohistochemistry of paraffin-embedded human pancreatic tissue using PACO41186 at dilution of 1:100.



Immunofluorescent analysis of A549 cells using PACO41186 at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).