

For Research Use Only

CoraLite® Plus 488-conjugated COX6B1 Polyclonal antibody



Catalog Number: **CL488-11425**

Basic Information

Catalog Number:

CL488-11425

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1984

GenBank Accession Number:

BC001015

GeneID (NCBI):

1340

UNIPROT ID:

P14854

Full Name:

cytochrome c oxidase subunit Vb polypeptide 1 (ubiquitous)

Calculated MW:

80 aa, 10 kDa

Observed MW:

10-13 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IF 1:50-1:500

Excitation/Emission maxima wavelengths:

493 nm / 522 nm

Applications

Tested Applications:

IF/ICC

Species Specificity:

human, mouse, rat

Positive Controls:

IF : A431 cells,

Background Information

COX6B1 (Cytochrome c oxidase subunit 6B1) is also named as COX6B and belongs to the cytochrome c oxidase subunit 6B family. It connects the two COX monomers into the physiological dimeric form. Defects in COX6B1 are a cause of mitochondrial complex IV deficiency (MT-C4D).

Storage

Storage:

Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

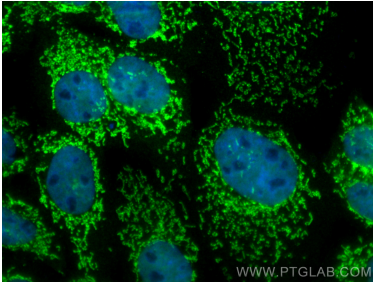
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed A431 cells using CoraLite® Plus 488 COX6B1 antibody (CL488-11425) at dilution of 1:200.