

For Research Use Only

CoraLite® Plus 488-conjugated NDUFA4L2 Polyclonal antibody



Catalog Number: CL488-16480

Featured Product

Basic Information

Catalog Number:

CL488-16480

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG9600

GenBank Accession Number:

BC011910

GeneID (NCBI):

56901

UNIPROT ID:

Q9NRX3

Full Name:

NADH dehydrogenase (ubiquinone) 1

alpha subcomplex, 4-like 2

Calculated MW:

87 aa, 10 kDa

Observed MW:

10 kDa

Purification Method:

Antigen affinity purification

Excitation/Emission maxima

wavelengths:

493 nm / 522 nm

Applications

Tested Applications:

FC (Intra)

Species Specificity:

human, mouse, rat

Background Information

NDUFA4L2(NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 4-like 2), also named as NUOMS, is a HIF-1 α target gene that localizes to the mitochondria and belongs to the complex I NDUFA4 subunit family. It downregulates oxygen consumption and Complex I activity in hypoxia. NDUFA4L2 is involved in hypoxic adaptation by decreasing mitochondrial ROS production.

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:

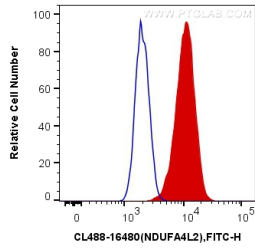
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1X10⁶ HepG2 cells were intracellularly stained with 0.4 ug CoraLite® Plus 488 Anti-Human NDUFA4L2 (CL488-16480) (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).