

For Research Use Only

CoraLite® Plus 488-conjugated ATPB Polyclonal antibody



Catalog Number: CL488-17247

Featured Product

Basic Information

Catalog Number:

CL488-17247

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG11177

GenBank Accession Number:

BC016512

GeneID (NCBI):

506

UNIPROT ID:

P06576

Full Name:

ATP synthase, H⁺ transporting, mitochondrial F1 complex, beta polypeptide

Calculated MW:

529 aa, 57 kDa

Observed MW:

45-57 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 : HeLa cells,

Background Information

ATP5B, also named as ATPMB and ATPSB, belongs to the ATPase alpha/beta chains family. It is a high affinity HDL receptor for apolipoprotein A1. ATP5B is a subunit of mitochondrial ATP synthase (F1F0 ATP synthase or Complex V). ATP5B has a calculated molecular mass of 57 kDa and ~5 kDa transit peptide can be removed in the mature form.

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:

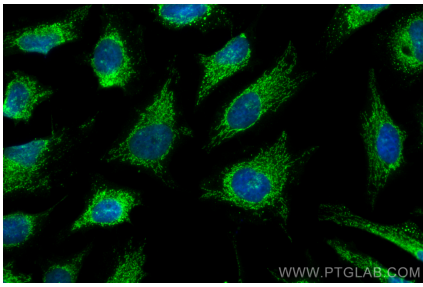
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using Coralite® Plus 488 ATPB antibody (CL488-17247) at dilution of 1:200.