

CoraLite® Plus 647-conjugated PGC1α Monoclonal antibody

Catalog Number: CL647-66369

Featured Product

Basic Information

Catalog Number:

CL647-66369

Size:

1 mg/mL

Source:

Mouse

Isotype:

IgG1

GenBank Accession Number:

NM_013261

GeneID (NCBI):

10891

UNIPROT ID:

Q9UBK2

Full Name:peroxisome proliferator-activated
receptor gamma, coactivator 1 alpha**Calculated MW:**

91 kDa

Observed MW:

100 kDa

Purification Method:

Protein G purification

CloneNo.:

1C1B2

**Excitation/Emission maxima
wavelengths:**

654 nm / 674 nm

Applications

Tested Applications:**Species Specificity:**

human, mouse, rat

Background Information

PPARGC1A, also named as Peroxisome proliferator-activated receptor gamma coactivator 1-alpha, is a 798 amino acid protein, which contains 1 RRM (RNA recognition motif) domain and localizes in the nucleus. PPARGC1A is transcriptional coactivator for steroid receptors and nuclear receptors. PPARGC1A can regulate key mitochondrial genes that contribute to the program of adaptive thermogenesis and plays an essential role in metabolic reprogramming in response to dietary availability through coordination of the expression of a wide array of genes involved in glucose and fatty acid metabolism. PPARGC1A exists as an isoform in the liver and the molecular weight of it is 77 kDa. Except for a deletion of 127 amino acids at the N terminus, the protein, termed L-PGC-1 α , is identical to PGC-1.

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.

