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PPARGC1B (N2) Antibody, Rabbit Polyclonal

Cat#: R1759-2

Quantity: 100 ul

Predicted | Observed M.W.: 113 | 160 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: Q86YN6

Background:

Peroxisome proliferator-activated receptor gamma coactivator 1-beta (PPARGC1B) plays a role of stimulator of transcription factors and nuclear receptors activities. It activates transcriptional activity of estrogen receptor alpha, nuclear respiratory factor 1 (NRF1) and glucocorticoid receptor in the presence of glucocorticoids. PPARGC1B may play a role in constitutive non-adrenergic-mediated mitochondrial biogenesis as suggested by increased basal oxygen consumption and mitochondrial number when overexpressed. It may be involved in fat oxidation and non-oxidative glucose metabolism and in the regulation of energy expenditure.

Other Names:

Peroxisome proliferator-activated receptor gamma coactivator 1-beta, PGC-1-beta, PPAR-gamma coactivator 1-beta, PPARGC-1-beta, PGC-1-related estrogen receptor alpha coactivator, PERC, PGC1, PGC1B, PPARGC1

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing N-terminal region of human PPARGC1B. Antibodies were purified by affinity purification using immunogen.

Storage Buffer and Condition:

Supplied in 1 x PBS (pH 7.4), 100 ug/ml BSA, 40% Glycerol, 0.01% NaN₃. Store at -20 °C. Stable for 6 months from date of receipt.

Species Specificity:

Human, Mouse

Tested Applications:

WB: 1:1,000-1:3,000 (detect endogenous protein*)

*: The apparent protein size on WB may be different from the calculated M.W. due to modifications.

Product Data:

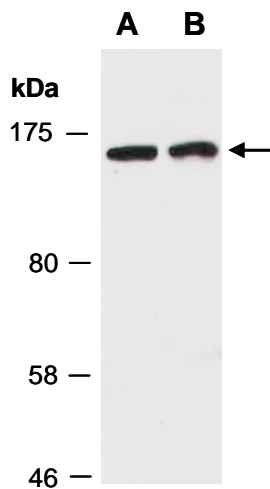


Fig 1. Western blot of total cell extracts from A) mouse thymus, B) human Jurkat; using anti-PPARGC1B (N2) (R1759-2) at RT for 2 h.