

PPARGC1B

Reactivity: Human Mouse

Tested applications: WB IP

Recommended Dilution: WB 1:500 - 1:1000 IP 1:20 - 1:50

Calculated MW: 113kDa

Observed MW: Refer to Figures

Immunogen:

A synthetic peptide of human PPARGC1B

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Concentration:

h

Synonym:

PERC; ERRL1; PGC1B; PGC-1(beta);

Catalog #: A6048

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 133522

Isotype: IgG

Swiss Prot: Q86YN6

Purity: Affinity purification

For research use only.

Background:

The protein encoded by this gene stimulates the activity of several transcription factors and nuclear receptors, including estrogen receptor alpha, nuclear respiratory factor 1, and glucocorticoid receptor. The encoded protein may be involved in fat oxidation, non-oxidative glucose metabolism, and the regulation of energy expenditure. This protein is downregulated in prediabetic and type 2 diabetes mellitus patients. Certain allelic variations in this gene increase the risk of the development of obesity. Three transcript variants encoding different isoforms have been found for this gene.

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