

## 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:**

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**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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