

PGC1 beta Antibody

Rabbit mAb Catalog # AP91633

Product Information

Application WB, IP
Primary Accession Q86YN6

Reactivity Rat, Human, Mouse

Clonality Monoclonal

Other Names PERC; PGC1; PPARGC1; Ppargc1b;

IsotypeRabbit IgGHostRabbitCalculated MW113222

Additional Information

Dilution WB 1:500~1:2000 IP 1:50 **Purification** Affinity-chromatography

Immunogen A synthesized peptide derived from human PGC1 beta

Description Plays a role of stimulator of transcription factors and nuclear receptors

activities. Activates transcritional activity of estrogen receptor alpha, nuclear respiratory factor 1 (NRF1) and glucocorticoid receptor in the presence of

glucocorticoids.

Storage Condition and Buffer Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium

azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term.

Avoid freeze / thaw cycle.

Protein Information

Name PPARGC1B

Synonyms PERC, PGC1, PGC1B, PPARGC1

Function Plays a role of stimulator of transcription factors and nuclear receptors

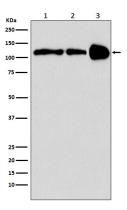
activities. Activates transcriptional activity of estrogen receptor alpha, nuclear respiratory factor 1 (NRF1) and glucocorticoid receptor in the presence of glucocorticoids. May play a role in constitutive non-adrenergic-mediated mitochondrial biogenesis as suggested by increased basal oxygen consumption and mitochondrial number when overexpressed. May be involved in fat oxidation and non- oxidative glucose metabolism and in the regulation of energy expenditure. Induces the expression of PERM1 in the

skeletal muscle in an ESRRA-dependent manner.

Cellular Location Nucleus.

Tissue Location Ubiquitous with higher expression in heart, brain and skeletal muscle.

Images



Western blot analysis of PGC1 beta expression in (1) HeLa cell lysate; (2) Mouse spleen lysate; (3) Rat spleen lysate.

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