

PGC1 beta Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP58674

Specification

PGC1 beta Polyclonal Antibody - Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	Q86YN6
Reactivity	Rat, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	113222

PGC1 beta Polyclonal Antibody - Additional Information

Gene ID 133522

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, PPARGC1B, PERC, PGC1, PGC1B, PPARGC1

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

PGC1 beta Polyclonal Antibody - 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.

PGC1 beta Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

PGC1 beta Polyclonal Antibody - Images