

PGC1 beta Rabbit mAb

Catalog # AP77814

Product Information

Application	WB, IP
Primary Accession	Q86YN6
Reactivity	Rat, Human, Mouse
Host	Rabbit
Clonality	Monoclonal Antibody
Isotype	IgG
Conjugate	Unconjugated
Immunogen	A synthesized peptide derived from human PGC1 beta
Purification	Affinity Chromatography
Calculated MW	113222

Additional Information

Gene ID	133522
Other Names	PPARGC1B
Dilution	WB~~1/500-1/1000 IP~~N/A
Format	Liquid in 10mM PBS, pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

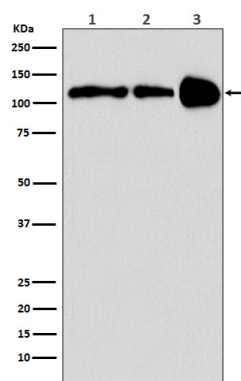
Protein Information

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



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