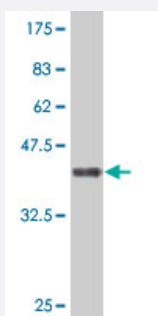


PPARGC1B polyclonal antibody (A01)

Catalog # H00133522-A01

Size 50 uL

Applications



Western Blot detection against Immunogen (38.21 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant PPARGC1B.
Immunogen	PPARGC1B (NP_573570, 914 a.a. ~ 1023 a.a) partial recombinant protein with GST tag.
Sequence	SSRELKRRFEVFGIEECEVLTRNRRGEKYGFITYRCSEHAALSLTKGAALRKRNEPSFQLSYGGL RHFCWPRYTDYDSNSEEALPASGKSKYEAMDFDSSLKEAQQSLH
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (38.21 KDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — PPARGC1B

Entrez GeneID	133522
GeneBank Accession#	NM_133263
Protein Accession#	NP_573570
Gene Name	PPARGC1B
Gene Alias	ERRL1, PERC, PGC-1(beta), PGC1B
Gene Description	peroxisome proliferator-activated receptor gamma, coactivator 1 beta
Omim ID	601665 608886
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	PGC-1-related estrogen receptor alpha coactivator peroxisome proliferative activated receptor, gamma, coactivator 1, beta

Publication Reference

- [Stimulatory effect of CSE-generated H2S on hepatic mitochondrial biogenesis and the underlying mechanisms.](#)

Untereiner AA, Fu M, Modis K, Wang R, Ju Y, Wu L.

Nitric Oxide 2016 Aug; 58:67.

Application: WB-Ce, Mouse, Hepatocytes

- [Increased Basal Level of Akt-Dependent Insulin Signaling May Be Responsible for the Development of Insulin Resistance.](#)

Liu H, Hong T, Wen GB, Han J, Zhuo D, Liu Z, Cao W.

American Journal of Physiology. Endocrinology and Metabolism 2009 Oct; 297(4):E898.

Application: WB-Ti, Mouse, Gastrocnemius, Livers

- [Rapid exercise-induced changes in PGC-1{alpha} mRNA and protein in human skeletal muscle.](#)

Mathai AS, Bonen A, Benton CR, Robinson DL, Graham TE.

Journal of Applied Physiology 2008 Jul; 105(4):1098.

Application: WB, Human, Human muscle

- [PGC1{alpha} relationship with skeletal muscle palmitate oxidation is not present with obesity, despite maintained ained PGC1{alpha} and PGC1{beta} protein.](#)

Holloway GP, Perry CG, Thrush AB, Heigenhauser GJ, Dyck DJ, Bonen A, Spriet LL.

American Journal of Physiology. Endocrinology and Metabolism 2008 Mar; 294(6):E1060.

Application: WB, Human, Human skeletal muscle

Disease

- [Adenocarcinoma](#)
- [Alzheimer disease](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Cardiovascular Diseases](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
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- [Esophageal Neoplasms](#)
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