



Anti-PPARGC1A (aa 508-520) polyclonal antibody (DPABH-24445)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Transcriptional coactivator for steroid receptors and nuclear receptors. Greatly increases the transcriptional activity of PPARG and thyroid hormone receptor on the uncoupling protein promoter. Can regulate key mitochondrial genes that contribute to the program of adaptive thermogenesis. Plays an essential role in metabolic reprogramming in response to dietary availability through coordination of the expression of a wide array of genes involved in glucose and fatty acid metabolism.
Immunogen	Synthetic peptide: C-DGLFDDSEDESDK, corresponding to internal sequence amino acids 508-520 of Human PGC1 alpha (NP_037393.1).
Isotype	IgG
Source/Host	Goat
Species Reactivity	Human, Pig
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB
Format	Liquid
Size	100 µg
Buffer	Constituents: 0.5% BSA, Tris buffered saline, pH 7.3
Preservative	0.02% Sodium Azide
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

GENE INFORMATION

Gene Name	PPARGC1A peroxisome proliferator-activated receptor gamma, coactivator 2 alpha [Homo sapiens]
Official Symbol	PPARGC1A
Synonyms	PPARGC1A; peroxisome proliferator-activated receptor gamma, coactivator 1 alpha; LEM6; PGC1; PGC1A; PGC-1v; PPARGC1; PGC-1(alpha); peroxisome proliferator-activated receptor gamma coactivator 1-alpha; PGC-1-alpha; L-PGC-1alpha; PPARGC-1-alpha; ligand effect modulator-6; PPAR gamma coactivator variant form; peroxisome proliferator-activated receptor gamma coactivator 1 alpha transcript variant B4; peroxisome proliferator-activated receptor gamma coactivator 1 alpha transcript variant B5; peroxisome proliferator-activated receptor gamma coactivator 1 alpha transcript variant B4-8a; peroxisome proliferator-activated receptor gamma coactivator 1 alpha transcript variant B5-NT; peroxisome proliferator-activated receptor gamma coactivator 1 alpha transcript variant B4-3ext;
Entrez Gene ID	10891
Protein Refseq	NP_037393.1
UniProt ID	A0A024R9Q9
Pathway	ATF-2 transcription factor network; Adipocytokine signaling pathway; Adipogenesis; Circadian Clock
Function	DNA binding; DNA binding; RNA binding; RNA polymerase II transcription cofactor activity