



## Anti-PPARGC1B (aa 2-15) polyclonal antibody (DPABH-10166)

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

### PRODUCT INFORMATION

<b>Antigen Description</b>	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.
<b>Immunogen</b>	Synthetic peptide: AGNDGALLDEELS, corresponding to amino acids 2-15 of Human PGC1 beta (NP_573570.3).
<b>Isotype</b>	IgG
<b>Source/Host</b>	Goat
<b>Species Reactivity</b>	Human
<b>Purification</b>	Immunogen affinity purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	IHC-P
<b>Format</b>	Liquid
<b>Size</b>	100 µg
<b>Buffer</b>	pH: 7.30; Constituents: 99% Tris buffered saline, 0.5% BSA
<b>Preservative</b>	0.02% Sodium Azide
<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.

# GENE INFORMATION

<b>Gene Name</b>	<a href="#">PPARGC1B peroxisome proliferator-activated receptor gamma, coactivator 2 beta [ Homo sapiens ]</a>
<b>Official Symbol</b>	PPARGC1B
<b>Synonyms</b>	PPARGC1B; peroxisome proliferator-activated receptor gamma, coactivator 1 beta; PERC; ERR1; PGC1B; PGC-1(beta); peroxisome proliferator-activated receptor gamma coactivator 1-beta; PPARGC-1-beta; PPAR-gamma coactivator 1-beta; PGC-1-related estrogen receptor alpha coactivator;
<b>Entrez Gene ID</b>	<a href="#">133522</a>
<b>Protein Refseq</b>	<a href="#">NP_001166169.1</a>
<b>UniProt ID</b>	<a href="#">B7ZM40</a>
<b>Pathway</b>	AMPK signaling; Fatty acid, triacylglycerol, and ketone body metabolism; Metabolism of lipids and lipoproteins; Mitochondrial biogenesis
<b>Function</b>	AF-2 domain binding; RNA binding; RNA polymerase II transcription cofactor activity; estrogen receptor binding