

Product datasheet for **TA362737**

PGC1 beta (PPARGC1B) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human PPARGC1B
Specificity:	Expected reactivity: Human
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	112 kDa
Gene Name:	PPARG coactivator 1 beta
Database Link:	NP_001166169.1 Entrez Gene 133522 Human Q86YN6



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Background:

The protein encoded by this gene stimulates the activity of several transcription factors and nuclear receptors, including estrogen receptor alpha, nuclear respiratory factor 1, and glucocorticoid receptor. The encoded protein may be involved in fat oxidation, non-oxidative glucose metabolism, and the regulation of energy expenditure. This protein is downregulated in prediabetic and type 2 diabetes mellitus patients. Certain allelic variations in this gene increase the risk of the development of obesity. Three transcript variants encoding different isoforms have been found for this gene.

Synonyms:

ERRL1; PERC; PGC-1(beta); PGC-1-beta; PGC1; PGC1B; PPARGC-1-beta; PPARGC1

Protein Families:

Druggable Genome, Transcription Factors

Product images:



Host: Rabbit
 Target Name: PPARGC1B
 Sample Type: THP-1 Cell Lysate
 Antibody Dilution: 1.0µg/ml

Host: Rabbit
 Target Name: PPARGC1B
 Sample Tissue: Human THP-1 Whole Cell lysates
 Antibody Dilution: 1ug/ml