

## **Product datasheet for TA362737**

#### OriGene Technologies, Inc.

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# 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.

Note that this product is shipped as lyophilized powder to China customers.

**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: <u>NP 001166169.1</u>

Entrez Gene 133522 Human

Q86YN6



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**Background:** The protein encoded by this gene stimulates the activity of several transcription factors and

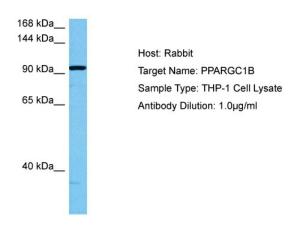
nuclear receptors, including estrogen receptor alpha, nuclear respiratory factor 1, and glucocorticoid receptor. The encoded protein may be involved in fat oxidation, non-oxidative glucose metabolism, and the regulation of energy expenditure. This protein is downregulated in prediabetic and type 2 diabetes 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 Tissue: Human THP-1 Whole Cell lysates

Antibody Dilution: 1ug/ml