

Product datasheet for **TA363694**

PGC1 alpha (PPARGC1A) 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 middle terminal region of human PPARGC1A
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:	31 kDa
Gene Name:	PPARG coactivator 1 alpha
Database Link:	NP_001317680.1 Entrez Gene 10891 Human Q9UBK2-5



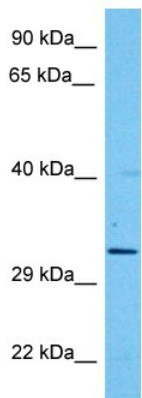
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Background:

The protein encoded by this gene is a transcriptional coactivator that regulates the genes involved in energy metabolism. This protein interacts with PPARgamma, which permits the interaction of this protein with multiple transcription factors. This protein can interact with, and regulate the activities of, cAMP response element binding protein (CREB) and nuclear respiratory factors (NRFs). It provides a direct link between external physiological stimuli and the regulation of mitochondrial biogenesis, and is a major factor that regulates muscle fiber type determination. This protein may be also involved in controlling blood pressure, regulating cellular cholesterol homeostasis, and the development of obesity.

Synonyms:

LEM6; PGC-1(alpha); PGC-1-alpha; PGC-1v; PGC1; PGC1A; PPARGC-1-alpha; PPARGC1

Product images:

Host: Rabbit
Target Name: PPARGC1A
Sample Type: PANC1 Cell Lysate
Antibody Dilution: 1.0µg/ml

Host: Rabbit
Target Name: PPARGC1A
Sample Tissue: Human PANC1 Whole Cell lysates
Antibody Dilution: 1ug/ml