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Datasheet for ABIN7342585
anti-PPARGC1A antibody

Overview

Quantity:	50 µL
Target:	PPARGC1A
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PPARGC1A antibody is un-conjugated
Application:	ELISA

Product Details

Immunogen:	Synthetic peptide of Human PPARGC1A
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Antigen affinity purification

Target Details

Target:	PPARGC1A
Alternative Name:	PPARGC1A (PPARGC1A Products)
Background:	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

Target Details

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.

Aliases: L PGC 1alpha antibody, LEM6 antibody, Ligand effect modulator 6 antibody, Peroxisome proliferative activated receptor gamma coactivator 1 alpha antibody, Peroxisome proliferative activated receptor gamma coactivator 1 antibody, Peroxisome proliferator activated receptor gamma coactivator 1 alpha antibody, Peroxisome proliferator activated receptor gamma coactivator 1 alpha transcript variant B4 3ext antibody, Peroxisome proliferator activated receptor gamma coactivator 1 alpha transcript variant B4 8a antibody, Peroxisome proliferator activated receptor gamma coactivator 1 alpha transcript variant B4 antibody, Peroxisome proliferator activated receptor gamma coactivator 1 alpha transcript variant B5 antibody, Peroxisome proliferator activated receptor gamma coactivator 1 alpha transcript variant B5 NT antibody, Peroxisome proliferator-activated receptor gamma coactivator 1-alpha antibody, PGC 1 (alpha) antibody, PGC 1 alpha antibody, PGC 1v antibody, PGC-1-alpha antibody, PGC1 antibody, PGC1(alpha) antibody, PGC1A antibody, PGC1v antibody, PPAR gamma coactivator 1 alpha 3 ligand effect modulator 6 antibody, PPAR gamma coactivator 1 alpha antibody, PPAR gamma coactivator 1 antibody, PPAR gamma coactivator variant form antibody, PPAR-gamma coactivator 1-alpha antibody, PPARGC 1 alpha antibody, PPARGC-1-alpha antibody, PPARGC1 antibody, PPARGC1A antibody, PRGC1_HUMAN antibody

UniProt: [Q9UBK2](#)

Pathways: [Intracellular Steroid Hormone Receptor Signaling Pathway](#), [Carbohydrate Homeostasis](#), [Regulation of Lipid Metabolism by PPARalpha](#), [Regulation of Carbohydrate Metabolic Process](#), [Smooth Muscle Cell Migration](#), [Brown Fat Cell Differentiation](#)

Application Details

Application Notes: ELISA:1:1000-1:2000,

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: -20 °C, pH 7.4 PBS, 0.05 % Sodium azide, 40 % Glycerol

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

Handling

should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.