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Datasheet for ABIN7117364 **anti-PPARGC1B antibody**

Overview

Quantity:	100 µg
Target:	PPARGC1B
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PPARGC1B antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunoprecipitation (IP)

Product Details

Immunogen:	peroxisome proliferator-activated receptor gamma, coactivator 1 beta
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	PPARGC1B
Alternative Name:	PPARGC1B (PPARGC1B Products)
Background:	Synonyms:PERC, PGC1, PGC1B, PPARGC1 Background: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

Target Details

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. Induces the expression of PERM1 in the skeletal muscle in an ESRRA-dependent manner.

Molecular Weight: 100-110 kDa

Gene ID: 133522

UniProt: [Q86YN6](#)

Pathways: [AMPK Signaling](#), [Intracellular Steroid Hormone Receptor Signaling Pathway](#), [Regulation of Lipid Metabolism by PPARalpha](#)

Application Details

Application Notes: WB: 1:500-1:2000, IP: 1:200-1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Expiry Date: 12 months