

Datasheet for ABIN6944648
anti-PPARGC1B antibody



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Overview

Quantity:	100 µL
Target:	PPARGC1B
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This PPARGC1B antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Immunogen:	Recombinant protein within C-terminal human PGC1 beta
Clone:	6H5
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Purification:	Purified by Protein A.

Target Details

Target:	PPARGC1B
Alternative Name:	PPARGC1B (PPARGC1B Products)
Background:	Synonyms: Peroxisome proliferator-activated receptor gamma coactivator 1-beta, PGC-1-related estrogen receptor alpha coactivator, PGC-1-beta, PPAR-gamma coactivator 1-beta,

Target Details

PPARGC-1-beta, PPARGC1B, 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 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.

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 1:300-5000 FCM 1:20-100
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 1xTBS (pH 7.4), 1 % BSA, 40 %Glycerol and 0.05 % Sodium Azide.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for up to 2 weeks. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	12 months