Datasheet for ABIN910843 anti-PPARGC1A antibody (AA 151-250) (Cy5.5)

-online.com antibodies



Overview

Quantity:	100 µL
Target:	PPARGC1A
Binding Specificity:	AA 151-250
Reactivity:	Human, Rat, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PPARGC1A antibody is conjugated to Cy5.5
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human PGC1 alpha
lsotype:	IgG
Cross-Reactivity:	Human, Pig, Rat
Predicted Reactivity:	Mouse,Dog,Cow,Horse,Rabbit
Purification:	Purified by Protein A.
Target Details	

Target:	PPARGC1A
Alternative Name:	PGC1 alpha (PPARGC1A Products)

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Target Details	
Background:	Synonyms: LEM6, Ligand effect modulator 6, PERC, Peroxisome prolerative activated receptor,
	gamma, coactivator 1 alpha, Peroxisome prolerative activated receptor, gamma, coactivator 1,
	Peroxisome prolerator activated receptor gamma coactivator 1 alpha, peroxisome prolerator-
	activated receptor gamma coactivator 1 beta, Peroxisome prolerator-activated receptor
	gamma coactivator 1-alpha, Peroxisome prolerator-activated receptor gamma coactivator 1-
	beta, peroxisome prolerator-activated receptor gamma, coactivator 1 beta, PGC 1 alpha, PGC 1
	alpha, PGC 1v, PGC-1beta, PGC-1-alpha, PGC-1-beta, PGC-1-related estrogen receptor alpha
	coactivator, PGC1, PGC1alpha, PGC1A, PGC1v, PPAR gamma coactivator 1 alpha, PPAR
	gamma coactivator 1 alpha 3 ligand effect modulator 6, PPAR gamma coactivator 1, PPAR
	gamma coactivator variant form, PPAR gamma coactivator-1beta, PPAR-gamma coactivator 1-
	alpha, PPAR-gamma coactivator 1-beta, PPARGC 1 alpha, PPARGC-1-alpha, PPARGC-1-beta,
	PPARGC1, PPARGC1A, Ppargc1b, PRGC1_HUMAN, PRGC2_HUMAN.
	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 homoeostasis, and the development of obesity. [provided by RefSeq].
Molecular Weight:	91-110kDa
Gene ID:	10891
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	
	50144.00.400
Application Notes:	FCM T:20-100
	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200

Restrictions:

For Research Use only

IF(ICC) 1:50-200

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Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months