

À des fins de recherche uniquement

# Anticorps Monoclonal anti-PGC1 $\alpha$

Numéro de catalogue: 66369-1-Ig

Phare

250 Publications



## Informations de base

<b>Numéro de catalogue:</b> 66369-1-Ig	<b>Numéro d'acquisition GenBank:</b> NM_013261	<b>Méthode de purification:</b> Purification par protéine A
<b>Taille:</b> 150ul, Concentration: 2000 µg/ml by Nanodrop;	<b>Identification du gène (NCBI):</b> 10891	<b>CloneNo.:</b> 1C1B2
<b>Hôte:</b> Mouse	<b>Nom complet:</b> peroxisome proliferator-activated receptor gamma, coactivator 1 alpha	<b>Dilutions recommandées:</b> WB 1:5000-1:50000 IF 1:50-1:500
<b>Isotype:</b> IgG1	<b>MW calculé:</b> 91 kDa	
	<b>MW observés:</b> 70 kDa, 100 kDa	

## Applications

### Applications testées:

IF, WB, ELISA

### Demandes citées:

IF, IHC, IP, WB

### Spécificité de l'espèce:

Humain, rat, souris

### Espèces citées:

bovin, Chèvre, Humain, porc, poulet, rat, souris, Hamster

### Contrôles positifs:

WB : tissu de muscle squelettique de porc, cellules C2C12, cellules HSC-T6, cellules ROS1728, tissu de muscle squelettique de rat, tissu de muscle squelettique de souris, tissu de muscle squelettique humain

IF : cellules HeLa,

## Informations générales

PPARGC1A, also named as Peroxisome proliferator-activated receptor gamma coactivator 1-alpha, is a 798 amino acid protein, which contains 1 RRM (RNA recognition motif) domain and localizes in the nucleus. PPARGC1A is transcriptional coactivator for steroid receptors and nuclear receptors. PPARGC1A can regulate key mitochondrial genes that contribute to the program of adaptive thermogenesis and plays an essential role in metabolic reprogramming in response to dietary availability through coordination of the expression of a wide array of genes involved in glucose and fatty acid metabolism. PPARGC1A exists as an isoform in the liver and the molecular weight of it is 77 kDa. Except for a deletion of 127 amino acids at the N terminus, the protein, termed L-PGC-1  $\alpha$ , is identical to PGC-1.

## Publications notables

Autrice	Pubmed ID	Journal	Application
Zhuqing Li	34607159	Redox Biol	IF, WB
Peiyuan Li	34586803	J Agric Food Chem	WB
Xiaoqian Zeng	36169214	Food Funct	WB, IHC

## Stockage

### Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

### Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20°C

\*\*\* Les 20ul contiennent 0,1% de BSA.

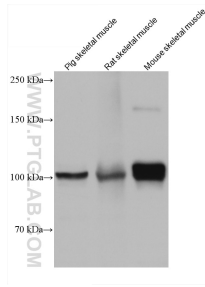
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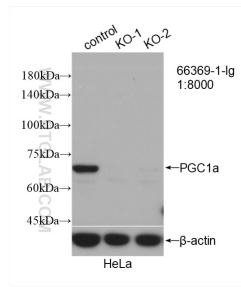
E: proteintech@ptglab.com  
W: ptglab.com

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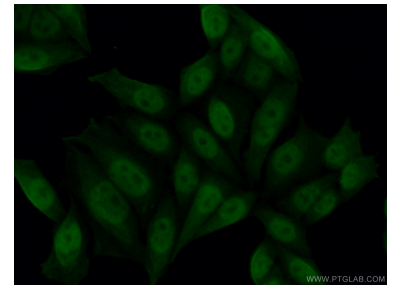
## Données de validation sélectionnées



Various lysates were subjected to SDS PAGE followed by western blot with 66369-1-Ig (PGC1α antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



WB result of PGC1α antibody (66369-1-Ig; 1:8000; room temperature for 1.5 hours) with wild-type and PGC1α knockout HeLa cells.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using 66369-1-Ig (PPARGC1A antibody) at dilution of 1:200 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Mouse IgG(H+L).