

Allgemeine Informationen

Katalog-Nr.: 66369-1-Ig	GenBank-Zugangsnummer: NM_013261	Reinigungsmethode: Protein-A-Reinigung
Größe: 150ul , Konzentration: 2000 µg/ml von10891 Nanodrop;	GeneID (NCBI): 10891	CloneNo.: 1C1B2
Wirt: Maus	Vollständiger Name: peroxisome proliferator-activated receptor gamma, coactivator 1 alpha	Empfohlene Verdünnungen: WB 1:5000-1:50000 IF 1:50-1:500
Isotyp: IgG1	Berechnete Masse: 91 kDa	
	Beobachtete Masse: 70 kDa, 100 kDa	

Anwendungen

Geprüfte Anwendungen:

IF, WB, ELISA

In Publikationen genannte Anwendungen:

IF, IHC, IP, WB

Getestete Reaktivität:

Human, Maus, Ratte

Zitierte Arten:

Hausschwein, Huhn, Human, Maus, Ratte, Rind, Ziege

Positivkontrollen:

WB : Hausschwein-Skelettmuskelgewebe, C2C12-Zellen, humanes Skelettmuskelgewebe, Maus-Skelettmuskelgewebe, Ratten-Skelettmuskelgewebe, ROS1728-Zellen

IF : HeLa-Zellen,

Hintergrundinformationen

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 α , is identical to PGC-1.

Bemerkenswerte Veröffentlichungen

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

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

***** 20ul-Größen enthalten 0.1% BSA**

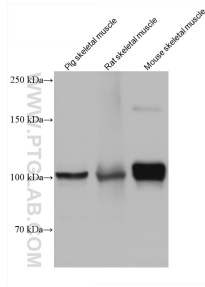
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

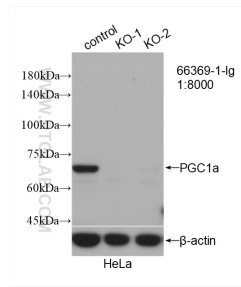
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

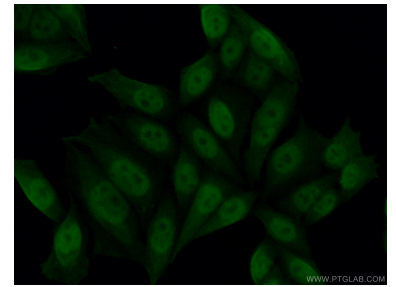
Ausgewählte Validierungsdaten



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).