

For Research Use Only

# PGC1a Polyclonal antibody

Catalog Number: 20658-1-AP

Featured Product

36 Publications



## Basic Information

**Catalog Number:**

20658-1-AP

**Size:**

150ul , Concentration: 887 µg/ml by Bradford method using BSA as the standard;

**Source:**

Rabbit

**Isotype:**

IgG

**GenBank Accession Number:**

NM\_013261

**GeneID (NCBI):**

10891

**Full Name:**

peroxisome proliferator-activated receptor gamma, coactivator 1 alpha

**Calculated MW:**

91 kDa

**Observed MW:**

91-98 kDa

**Purification Method:**

Antigen affinity purification

## Applications

**Tested Applications:**

ELISA

**Cited Applications:**

chIP, IF, IHC, WB

**Species Specificity:**

human, mouse

**Cited Species:**

goat, human, mouse, rat

## Background Information

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 various isoforms and range of molecular weight of isoforms are 30-50 kDa and 90-110 kDa.

## Notable Publications

Author	Pubmed ID	Journal	Application
Rong Shen	28905953	Food Funct	WB
Xiao-Li Wang	28895883	Molecules	WB,IHC
Lei Wu	33129969	J Nutr Biochem	WB

## Storage

**Storage:**

Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

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## Selected Validation Data