

A17089

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## PGC1 alpha Rabbit pAb

Catalog No.: A17089

4 Publications

### Basic Information

#### Observed MW

100kDa

#### Calculated MW

91kDa

#### Category

Polyclonal Antibody

#### Applications

WB, ELISA

#### Cross-Reactivity

Human, Mouse, Rat

### Background

This gene encodes a transcriptional coactivator that induces and coordinates gene expression regulating mitochondrial biogenesis, respiration, hepatic gluconeogenesis, thermogenic program in brown fat and muscle fiber-type switching. Mice lacking the encoded protein exhibit reduced thermogenic capacity, hyperactivity and resistance to diet-induced obesity. Mice lacking the encoded protein specifically in the heart exhibit peripartum cardiomyopathy. Alternative splicing results in multiple transcript variants.

### Recommended Dilutions

WB 1:500 - 1:1000

### Immunogen Information

#### Gene ID

19017

#### Swiss Prot

O70343

#### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-300 of mouse PGC1 alpha (NP\_032930.1).

#### Synonyms

Pgc1; PGC-1; Pgco1; Gm11133; Ppargc1; Pgc-1alpha; A830037N07Rik; PPARGC-1-alpha; PGC1 alpha

### Contact



[www.abclonal.com](http://www.abclonal.com)

### Product Information

#### Source

Rabbit

#### Isotype

IgG

#### Purification

Affinity purification

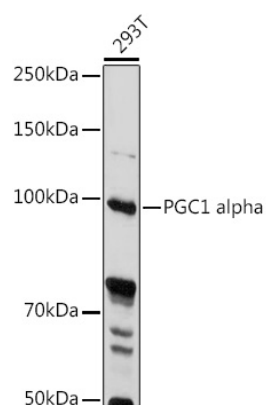
#### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

## Validation Data

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Western blot analysis of extracts of 293T cells, using PGC1 H4 antibody (A17089) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (A5014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 10s.