

PGC1 α Rabbit mAb

Catalog No.: A29523 **Recombinant**

Basic Information

Observed MW

110 kDa

Calculated MW

11-91 kDa

Category

Primary antibody

Applications

WB, ELISA

Cross-Reactivity

Mouse, Rat

CloneNo number

ARC81206

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 homeostasis, and the development of obesity.

Recommended Dilutions

WB 1:2000 - 1:15000

ELISA Recommended starting concentration is 1 μ g/mL. Please optimize the concentration based on your specific assay requirements. For high-ratio antibody dilutions ($\geq 1:10000$) a sequential dilution method is strongly recommended to ensure measurement accuracy.

Immunogen Information

Gene ID

10891

Swiss Prot

Q9UBK2

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

Contact

 | 400-999-6126 | cn.market@abclonal.com.cn | www.abclonal.com.cn

Product Information

Source

Rabbit

Isotype

IgG

Purification

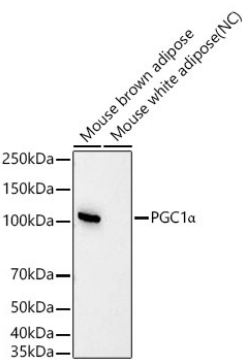
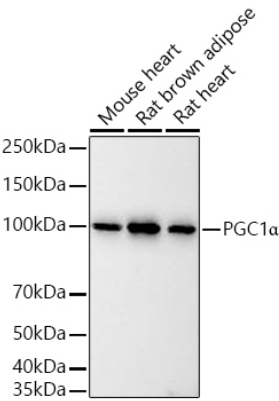
Affinity purification

Storage

Store at -20°C

Validation Data

Western blot analysis of various lysates using PGC1α Rabbit mAb (A29523) at 1:5000 dilution incubated overnight at 4°C.



Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (A5014) at 1:10000 dilution.