

## Anti-PGC1 alpha Rabbit Monoclonal Antibody

### Introduction

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).

### Product parameters

Alternative Names	PPARGC1A; LEM6; PGC1; PGC1A; PPARGC1; Peroxisome proliferator-activated receptor gamma coactivator 1-alpha; PGC-1-alpha; PPAR-gamma coactivator 1-alpha; PPARGC-1-alpha; Ligand effect modulator 6
Gene ID	10891
Gene Name	PPARGC1A
SwissProt ID	Q9UBK2
Host	Rabbit
Reactivity	Human, Mouse, Rat
Molecular Weight	Calculated MW: 91 kDa; Observed MW: 113 kDa
Conjugation	Unconjugated
Ex	-
Em	-
Modification	Unmodified
Clonality	IgG
Isotype	Monoclonal Antibody
Clonality No.	AP-15D5E7
Form	Liquid
Concentration	See label
Carrier	Carrier Free
Immunogen	A synthesized peptide derived from human PGC1 alpha
Purification	Affinity Chromatography
Buffer System	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Application	WB
Dilution Ratio	WB: 1/500-1/1000
Research Field	Epigenetics and Nuclear Signaling

Product Categories	Primary antibody
Shipping	Blue ice
Storage	-20°C
Expiration Date	12 months
Note	Please avoid freeze-thaw cycles.



## Protocol

Configure the product according to the application range and recommended dilution ratio.

**\*Note:** The primary antibody dilution buffer options: WB - Primary Antibody Dilution Buffer (Cat. #: K1200, Not for HRP/AP conjugated antibodies), Immunostaining - Immunol Staining Primary Antibody Dilution Solution (Cat. #: K4655).

## Note

1. This product is for scientific research use only.



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