Recombinant PGC1 β Monoclonal Antibody

catalog number: **AN300994L**

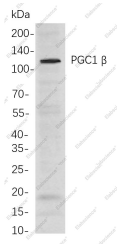
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse;Rat
Immunogen	Recombinant Human PGC1 β protein
Host	Rabbit
Isotype	Rabbit IgG
Clone	C130618
Purification	Protein A
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications	Recommended Dilution
WB	1:1000-1:5000
ELISA	1:5000-1:20000
IP	1:50-1:200,

Data



Western Blot with Recombinant PGC1 β Monoclonal Antibody at dilution of 1:1000 dilution. Lane A: MCF7 cells.

Observed-MW:113 kDa

Calculated-MW:113 kDa

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

The protein encoded by this gene stimulates the activity of several transcription factors and nuclear receptors, including estrogen receptor alpha, nuclear respiratory factor 1, and glucocorticoid receptor. The encoded protein may be involved in fat oxidation, non-oxidative glucose metabolism, and the regulation of energy expenditure. This protein is downregulated in prediabetic and type 2 diabetes mellitus patients. Certain allelic variations in this gene increase the risk of the development of obesity. Three transcript variants encoding different isoforms have been found for this gene.

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