

Recombinant PGC1 β Monoclonal Antibody

catalog number: AN300994L

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

Description

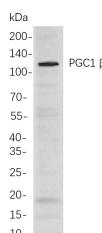
| | |
|--------------|---|
| Reactivity | Human;Mouse;Rat |
| Immunogen | Recombinant Human PGC1 β protein |
| Host | Rabbit |
| Isotype | IgG, κ |
| Clone | B745 |
| Purification | Protein A |
| Buffer | PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant. |

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.

For Research Use Only

Toll-free: 1-888-852-8623

Web: www.elabscience.com

Tel: 1-832-243-6086

Email: techsupport@elabscience.com

Fax: 1-832-243-6017

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