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## **PPARGC1A (M) Antibody, Rabbit Polyclonal**

**Cat#: R1757-2**

**Quantity: 100 ul**

**Predicted | Observed M.W.: 91 kDa**

**Lot#: Refer to vial**

**Application: WB**

**Uniprot ID: Q9UBK2**

### **Background:**

Peroxisome proliferator-activated receptor gamma coactivator 1-alpha (PPARGC1A) is a transcriptional coactivator for steroid receptors and nuclear receptors. PPARGC1A greatly increases the transcriptional activity of PPARG and thyroid hormone receptor on the uncoupling protein promoter. Also, PPARGC1A can regulate key mitochondrial genes that contribute to the program of adaptive thermogenesis. PPARGC1A plays an essential role in metabolic reprogramming in response to dietary availability through coordination of the expression of a wide array of genes involved in glucose and fatty acid metabolism.

### **Other Names:**

Peroxisome proliferator-activated receptor gamma coactivator 1-alpha, PGC-1-alpha, PPAR-gamma coactivator 1-alpha, PPARGC-1-alpha, Ligand effect modulator 6, LEM6, PGC1, PGC1A, PPARGC1

### **Source and Purity:**

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the middle region of human PPARGC1A. Antibodies were purified by affinity purification using immunogen.

### **Storage Buffer and Condition:**

Supplied in 1 x PBS (pH 7.4), 100 ug/ml BSA, 40% Glycerol, 0.01% NaN<sub>3</sub>. Store at -20 °C. Stable for 6 months from date of receipt.

### **Species Specificity:**

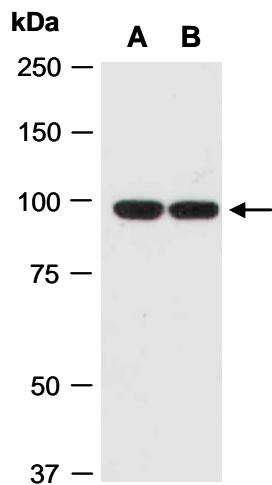
Human

### **Tested Applications:**

WB: 1:1,000-1:3,000 (detect endogenous protein\*)

\*: The apparent protein size on WB may be different from the calculated M.W. due to modifications.

**Product Data:**



**Fig 1.** Western blot of total cell extracts from (A) human HeLa, (B) human Jurkat; using anti-PPARGC1A (M) (R1757-2) at RT for 2 h.