

PACO20215

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## Product Information

**Size:**

50ul

**Reactivity:**

Human, Mouse, Rat

**Source:**

Rabbit

**Isotype:**

IgG

**Applications:**

ELISA, WB

**Recommended dilutions:**

ELISA:1:1000-1:2000, WB:1:200-1:1000

**Protein Background:**

Chromatin reader protein that recognizes and binds acetylated histones and plays a key role in transmission of epigenetic memory across cell divisions and transcription regulation. Remains associated with acetylated chromatin throughout the entire cell cycle and provides epigenetic memory for postmitotic G1 gene transcription by preserving acetylated chromatin status and maintaining high-order chromatin structure. During interphase, plays a key role in regulating the transcription of signal-inducible genes by associating with the P-TEFb complex and recruiting it to promoters: BRD4 is required to form the transcriptionally active P-TEFb complex by displacing negative regulators such as HEXIM1 and 7SKsnRNA complex from P-TEFb, thereby transforming it into an active form that can then phosphorylate the C-terminal domain (CTD) of RNA polymerase II. Promotes phosphorylation of 'Ser-2' of the C-terminal domain (CTD) of RNA polymerase II.

**Gene ID:**

PPARGC1A

**Uniprot**

Q9UBK2

**Synonyms:**

peroxisome proliferator-activated receptor gamma, coactivator 1 alpha

**Immunogen:**

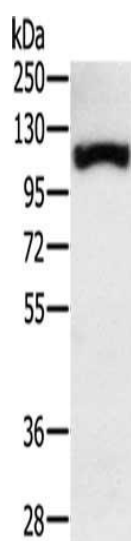
Synthetic peptide of human PPARGC1A.

**Storage:**

-20&deg; C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol

## Product Images

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Gel: 8%SDS-PAGE, Lysate: 40 ug, Lane: Human fetal muscle tissue, Primary antibody: PACO20215(PPARGC1A Antibody) at dilution 1/300, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 2 minutes.