

PRGC1 (T56) polyclonal antibody

Catalog: AP0789

Host: Rabbit

Reactivity: Human,Rat,Mouse

BackGround:

PPAR γ coactivator-1 α (PGC-1 α) was originally identified as a transcriptional coactivator whose expression closely correlated with adaptive thermogenesis following exposure to cold temperatures. Named for its association with the nuclear receptor peroxisome-proliferator activated receptor (PPAR γ), PGC-1 α interacts with a diverse array of transcription factors to regulate numerous aspects of cell physiology. PGC-1 α helps to regulate cell processes important in adaptive thermogenesis and energy metabolism, including the related functions of glucose uptake, gluconeogenesis, insulin secretion, and mitochondrial biogenesis. Long thought to be a potential therapeutic target for the treatment of type II diabetes, obesity, cardiomyopathy, or other metabolic disorders (reviewed in 4), a recent functional survey found no obvious differences in PPAR γ activity associated with recognized PGC-1 α variants.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2.

Molecular Weight:

~ 95 kDa

Swiss-Prot:

Q9UBK2

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:1000~1:2000

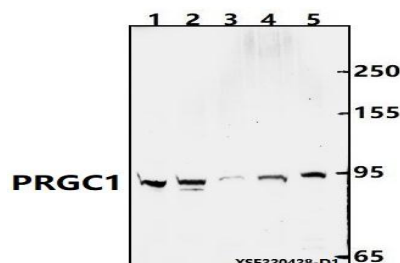
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

PRGC1 (T56) polyclonal antibody detects endogenous levels of PRGC1 protein.

DATA:



Western blot (WB) analysis of PRGC1 (T56) polyclonal antibody at 1:1000 dilution

Lane1:PC12 whole cell lysate(40ug)

Lane2:BV2 whole cell lysate(40ug)

Lane3:THP-1 whole cell lysate(40ug)

Lane4:Hela whole cell lysate(40ug)

Lane5:HepG2 whole cell lysate(20ug)

Note:

For research use only, not for use in diagnostic procedure.

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