

PPAR γ polyclonal antibody

Catalog: BS91101

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Peroxisome proliferator-activated receptors (PPARs) are members of the nuclear hormone receptor subfamily of transcription factors. PPARs form heterodimers with retinoid X receptors (RXRs). These heterodimers regulate transcription of genes involved in insulin action, adipocyte differentiation, lipid metabolism and inflammation. PPAR γ is implicated in numerous diseases including obesity, diabetes, atherosclerosis and cancer. PPAR γ activators include prostanoids, fatty acids, thiazolidinediones and N-(2-benzoylphenyl) tyrosine analogues. A key component in adipocyte differentiation and fat-specific gene expression, PPAR γ may modulate macrophage functions such as proinflammatory activities, and stimulate oxidized low-density lipoprotein (ox-LDL) uptake. A Pro12Ala polymorphism of the PPAR γ 2 gene has been reported to reduce transactivation activity in vitro. This substitution may affect the immune response to ox-LDL and be associated with type 2 diabetes. In addition, the Pro12Ala variant of the PPAR γ 2 gene maybe correlated with abdominal obesity in type 2 diabetes.

Product:

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

Molecular Weight:

58 kDa

Swiss-Prot:

P37231(Human) P37238(Mouse) O88275(Rat)

Purification&Purity:

ProA affinity purified

Applications:

WB:1:1,000-1:2,000

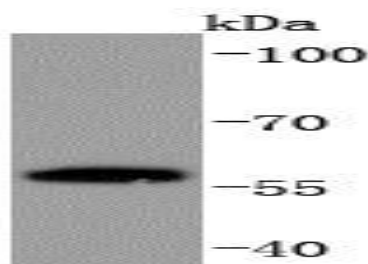
Storage&Stability:

Store at +4 °C after thawing. Aliquot store at -20 °C or -80 °C. Avoid repeated freeze / thaw cycles.

Specificity:

PPAR γ polyclonal antibody detects endogenous levels of PPAR γ protein.

DATA:



Western blot analysis of PPAR gamma on PC-12 cells lysates using anti-PPAR gamma antibody at 1/1,000 dilution.

Note:

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

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