

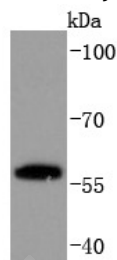
Anti-PPAR gamma/PPARG Antibody (2S691)

Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Conjugation:	Unconjugated
Molecular Weight:	Theoretical: 58 kDa.
Clone:	2S691
Purification:	ProA affinity purified

Applications

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



Application:	WB
Recommended	WB: 1:1000-2000

Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping: Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein
Uniprot ID:	P37231
Synonyms:	Peroxisome proliferator-activated receptor gamma;NR1C3;PPAR-gamma;PPARG;Nuclear receptor subfamily 1 group C member 3

Research 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 (x-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

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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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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