
PPAR-gamma Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 250834

Unit: 0.1 mg

Description:

The peroxisome proliferator-activated receptor gamma (PPAR-gamma) is a nuclear receptor that binds peroxisome proliferators such as hypolipidemic drugs and fatty acids. Once activated by a ligand, PPAR-gamma binds to a promoter element in the gene for acyl-CoA oxidase and activates transcription. PPAR-gamma controls the peroxisomal beta-oxidation pathway of fatty acid and is a key regulator of adipocyte differentiation and glucose homeostasis. PPAR-gamma forms a heterodimer with the retinoic acid receptor RXRA called adipocyte-specific transcription factor ARF6, which leads to a high transcriptional activity. Defects in PPAR-gamma are the cause of familial partial lipodystrophy type 3, a marked loss of subcutaneous fat from the extremities. Defects in PPAR-gamma are also associated with type 2 insulin-resistant diabetes, hypertension, obesity and colon cancer.

Isotype: Rabbit Ig

Applications: E, WB, IHC

Species Reactivity: H, M, R

Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: Peroxisome proliferator-activated receptor gamma; PPAR-gamma; Nuclear receptor subfamily 1 group C member 3; PPARG; NR1C3

Accession No.: P37231

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human PPAR-gamma.

Application Notes: E: 1:500-1:1,000; WB: 1:200-1:500; IHC: 1:200-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.