



PPAR- γ Polyclonal Antibody

E20-53443

Catalog Number:E20-53443

Product name:PPAR- γ Polyclonal Antibody

Amount:100ul A

Applications:WB,IHC-p

Reactivity:Human,Rat,Mouse

Gene Name:PPARG

Protein Name:Peroxisome proliferator-activated receptor gamma

Human Gene Id:5468

Human Swiss Prot No:P37231

Mouse Swiss Prot No:P37238

Rat Swiss Prot No:O88275

Immunogen:Recombinant Protein of PPAR- γ

Specificity:The antibody detects endogenous PPAR- γ protein.

Formulation:PBS, pH 7.4, containing 0.5%BSA, 0.02% sodium azide as Preservative and 50% Glycerol.

Source:Rabbit

Dilution:WB: 1:500-1000 IHC: 1:200-500

Purification:The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Storage Stability:-20°C/1 year

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

Observed Band(KD):53,57

Background:peroxisome proliferator activated receptor gamma(PPARG) Homo sapiens This gene encodes a member of the peroxisome proliferator-activated receptor (PPAR) subfamily of nuclear receptors. PPARs form heterodimers with retinoid X receptors (RXRs) and these heterodimers regulate transcription of various genes. Three subtypes of PPARs are known: PPAR-alpha, PPAR-delta, and

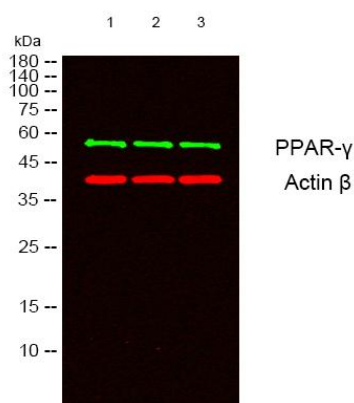
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PPAR-gamma. The protein encoded by this gene is PPAR-gamma and is a regulator of adipocyte differentiation.

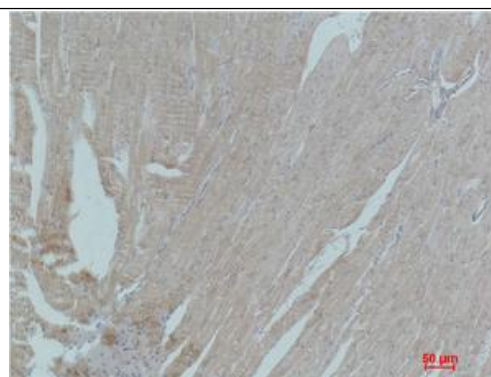
Function:alternative products:Additional isoforms seem to exist,disease:Defects in PPARG are the cause of familial partial lipodystrophy type 3 (FPLD3) [MIM:604367]. Familial partial lipodystrophies (FPLD) are a heterogeneous group of genetic disorders characterized by marked loss of subcutaneous (sc) fat from the extremities.

Subcellular Location:nucleus,nucleoplasm,Golgi apparatus,cytosol,intracellular membrane-bounded organelle, perinuclear region of cytoplasm,RNA polymerase II transcription factor complex.

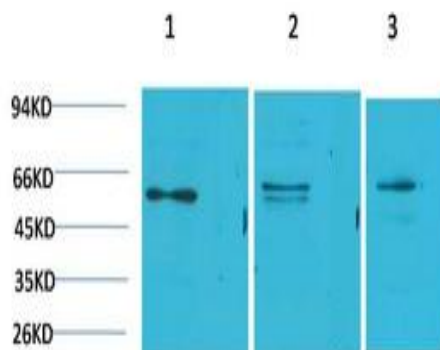
Expression:Adipose,Adipose tissue,Bone marrow,Colon carcinoma,Heart.



Western blot analysis of lysates from 1) HeLa, 2) 3T3, 3) PC12 cells, (Green) primary antibody was diluted at 1:1000, 4° over night, secondary antibody was diluted at 1:10000, 37° 1 hour. (Red) Actin β Monoclonal Antibody was diluted at 1:5000 as loading control, 4° over night, secondary antibody was diluted at 1:10000, 37° 1 hour.



Immunohistochemical analysis of paraffin-embedded Mouse Heart Tissue using PPAR- γ Polyclonal Antibody.



Western blot analysis of 1) HeLa, 2) 3T3, 3) PC12 using PPAR- γ Polyclonal Antibody. Secondary antibody was diluted at 1:20000.

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