



## PPAR- $\gamma$ Polyclonal Antibody

E20-53443

**Catalog Number:**E20-53443**Product name:**PPAR- $\gamma$  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- $\gamma$ **Specificity:**The antibody detects endogenous PPAR- $\gamma$  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.

