A0270

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PPARγ Rabbit pAb

Catalog No.: A0270 **62 Publications**

Basic Information

Observed MW
57kDa

Calculated MW
58kDa

Category
Antibody

Applications
IHC-P,IF/ICC,ELISA

Cross-Reactivity
Human,Mouse,Rat

Background

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 PPAR-gamma. The protein encoded by this gene is PPAR-gamma and is a regulator of adipocyte differentiation. Additionally, PPAR-gamma has been implicated in the pathology of numerous diseases including obesity, diabetes, atherosclerosis and cancer. Alternatively spliced transcript variants that encode different isoforms have been described.

Recommended Dilutions

IHC-P	1:50 - 1:200
IF/ICC	1:50 - 1:200

Immunogen Information

Gene ID
5468

Swiss Prot
P37231

Immunogen
A synthetic peptide corresponding to a sequence within amino acids 100-200 of human PPARγ (NP_056953.2).

Synonyms
GLM1; CIMT1; NR1C3; PPARG1; PPARG2; PPARG5; PPARgamma; PPARγ

Contact

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Product Information

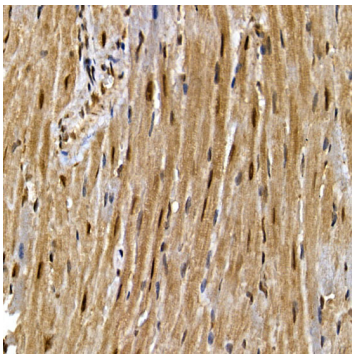
Source
Rabbit

Isotype
IgG

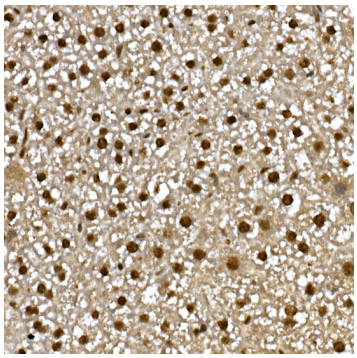
Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.

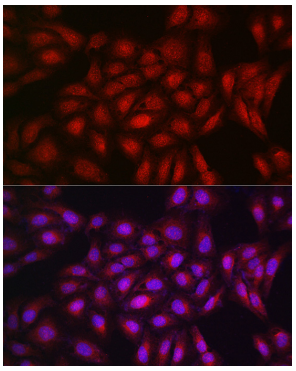
Validation Data



Immunohistochemistry analysis of PPARγ in paraffin-embedded mouse heart using PPARγ Rabbit pAb (A0270) at dilution of 1:200 (40x lens).Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunohistochemistry analysis of PPARγ in paraffin-embedded mouse liver using PPARγ Rabbit pAb (A0270) at dilution of 1:200 (40x lens).Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunofluorescence analysis of U2OS cells using PPARγ Rabbit pAb (A0270) at dilution of 1:200 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.