

A0270

Leader in Biomolecular Solutions for Life Science



# PPAR $\gamma$ Rabbit pAb

Catalog No.: A0270

73 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

**ELISA** Recommended starting concentration is 1  $\mu$ g/mL. Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

### Gene ID

5468

### Swiss Prot

P37231

### Immunogen

A synthetic peptide corresponding to a sequence within amino acids 100-200 of human PPAR $\gamma$  (NP\_056953.2).

### Synonyms

GLM1; CIMT1; NR1C3; PPARG1; PPARG2; PPARG5; PPARGgamma; PPAR $\gamma$

## Contact



[www.abclonal.com](http://www.abclonal.com)

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

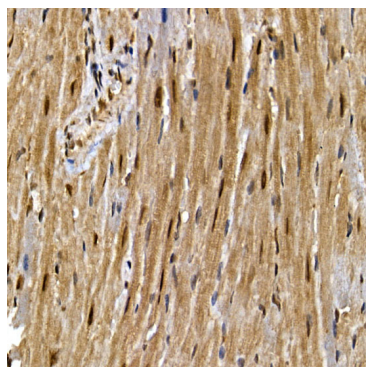
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

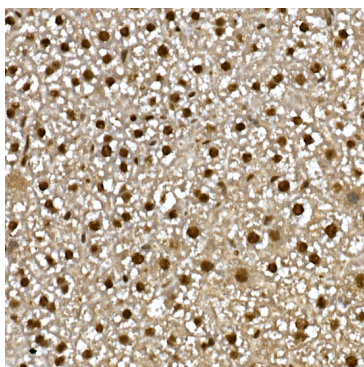
Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

## Validation Data

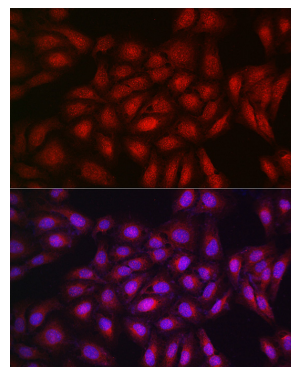
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Immunohistochemistry analysis of paraffin-embedded Mouse heart using PPAR $\gamma$  Rabbit pAb (A0270) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse liver using PPAR $\gamma$  Rabbit pAb (A0270) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



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