

## Anti-PPAR gamma Rabbit Monoclonal Antibody

Catalog # ABO14048

## Specification

## Anti-PPAR gamma Rabbit Monoclonal Antibody - Product Information

Application WB
Primary Accession P37231
Host Rabbit
Isotype Reactivity Human
Clonality Monoclonal
Format Liquid

**Description** 

Anti-PPAR gamma Rabbit Monoclonal Antibody . Tested in WB application. This antibody reacts with Human.

## Anti-PPAR gamma Rabbit Monoclonal Antibody - Additional Information

#### **Gene ID 5468**

### **Other Names**

Peroxisome proliferator-activated receptor gamma, PPAR-gamma, Nuclear receptor subfamily 1 group C member 3, PPARG, NR1C3

# **Calculated MW**

57620 MW KDa

## **Application Details**

WB 1:500-1:2000

## **Subcellular Localization**

Nucleus. Cytoplasm. Redistributed from the nucleus to the cytosol through a MAP2K1/MEK1-dependent manner. CCRN4L/NOC enhances its nuclear translocation.

### **Tissue Specificity**

Highest expression in adipose tissue. Lower in skeletal muscle, spleen, heart and liver. Also detectable in placenta, lung and ovary..

### **Contents**

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

#### **Immunogen**

A synthesized peptide derived from human PPAR gamma

### **Purification**

Affinity-chromatography

Storage Store at -20°C for one year. For short term



storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

## Anti-PPAR gamma Rabbit Monoclonal Antibody - Protein Information

Name PPARG

Synonyms NR1C3

#### **Function**

Nuclear receptor that binds peroxisome proliferators such as hypolipidemic drugs and fatty acids. Once activated by a ligand, the nuclear receptor binds to DNA specific PPAR response elements (PPRE) and modulates the transcription of its target genes, such as acyl-CoA oxidase. It therefore controls the peroxisomal beta-oxidation pathway of fatty acids. Key regulator of adipocyte differentiation and glucose homeostasis. ARF6 acts as a key regulator of the tissue-specific adipocyte P2 (aP2) enhancer. Acts as a critical regulator of gut homeostasis by suppressing NF-kappa-B-mediated pro-inflammatory responses. Plays a role in the regulation of cardiovascular circadian rhythms by regulating the transcription of BMAL1 in the blood vessels (By similarity).

#### **Cellular Location**

Nucleus. Cytoplasm. Note=Redistributed from the nucleus to the cytosol through a MAP2K1/MEK1-dependent manner. NOCT enhances its nuclear translocation

#### **Tissue Location**

Highest expression in adipose tissue. Lower in skeletal muscle, spleen, heart and liver. Also detectable in placenta, lung and ovary.

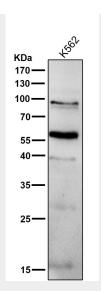
## Anti-PPAR gamma Rabbit Monoclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

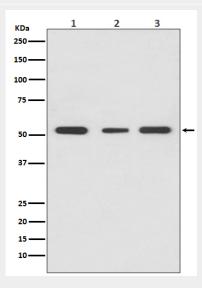
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

## Anti-PPAR gamma Rabbit Monoclonal Antibody - Images





All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.



Western blot analysis of PPAR gamma expression in (1) HeLa cell lysate; (2) PC-3 cell lysate; (3) THP-1 cell lysate.