

# Anti-PPAR gamma Rabbit Monoclonal Antibody

**Catalog # ABO16726** 

## Specification

# Anti-PPAR gamma Rabbit Monoclonal Antibody - Product Information

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

**Description** 

Anti-PPAR gamma Rabbit Monoclonal Antibody . Tested in WB, ICC/IF, Flow Cytometry applications. 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

### **Application Details**

WB 1:500-1:2000<br>ICC/IF 1:50-1:200<br>FC 1:50</br>

### **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**

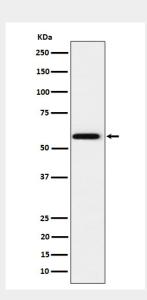
Highest expression in adipose tissue. Lower in skeletal muscle, spleen, heart and liver. Also detectable in placenta, lung and ovary.

# **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



Western blot analysis of PPAR gamma expression in HeLa cell lysate.



