

**PPARG / PPAR Gamma Antibody (aa82-101)**  
**Rabbit Polyclonal Antibody**  
**Catalog # ALS16513**

**Specification**

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**PPARG / PPAR Gamma Antibody (aa82-101) - Product Information**

Application	IHC, WB
Primary Accession	<a href="#">P37231</a>
Other Accession	<a href="#">5468</a>
Reactivity	Human, Dog
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	57620

**PPARG / PPAR Gamma Antibody (aa82-101) - Additional Information**

**Gene ID** 5468

**Other Names**

PPARG, NR1C3, PPAR gamma, PPAR gamma 2, PPARG1, PPARG2, PPARgamma, CIMT1, GLM1, PPAR-gamma

**Target/Specificity**

Human PPAR gamma 1 amino acids 82-101 (PASPPYYSEKTQLYNKPHEE; amino acids 110-129 of PPAR gamma 2)1

**Reconstitution & Storage**

TBS, 50% glycerol, 0.5 mg/ml BSA, 0.02% sodium azide. Long term: -20°C; Short term: +4°C. Avoid repeat freeze-thaw cycles.

**Precautions**

PPARG / PPAR Gamma Antibody (aa82-101) is for research use only and not for use in diagnostic or therapeutic procedures.

**PPARG / PPAR Gamma Antibody (aa82-101) - 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.

#### Volume

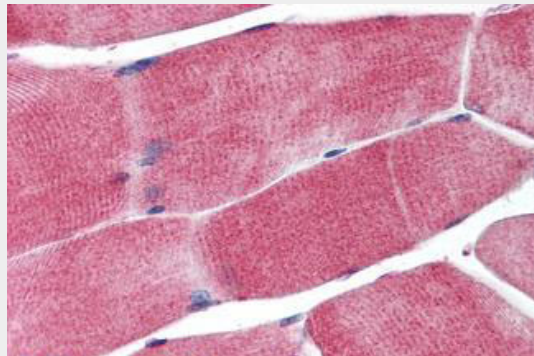
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### PPARG / PPAR Gamma Antibody (aa82-101) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### PPARG / PPAR Gamma Antibody (aa82-101) - Images



Anti-PPARG antibody IHC of human skeletal muscle.



Western blot of PPARG / PPAR Gamma antibody.

### PPARG / PPAR Gamma Antibody (aa82-101) - Background

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#### **PPARG / PPAR Gamma Antibody (aa82-101) - References**

- Mukherjee R.,et al.J. Biol. Chem. 272:8071-8076(1997).  
Elbrecht A.,et al.Biochem. Biophys. Res. Commun. 224:431-437(1996).  
Yanase T.,et al.Biochem. Biophys. Res. Commun. 233:320-324(1997).  
Greene M.E.,et al.Gene Expr. 4:281-299(1995).  
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