

**PPAR-alpha Blocking Peptide**  
**Catalog # PBV10244b****Specification**

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**PPAR-alpha Blocking Peptide - Product Information**

Primary Accession	<a href="#">Q07869</a>
Gene ID	5465
Calculated MW	52225

**PPAR-alpha Blocking Peptide - Additional Information****Gene ID** 5465**Application & Usage**

The peptide is used for blocking the antibody activity of PPAR $\alpha$ . It usually blocks the antibody activity completely in Western blot analysis by incubating the peptide with equal volume of antibody for 30-60 minutes at 37°C.

**Other Names**

Peroxisome proliferator-activated receptor alpha, PPAR-alpha, Nuclear receptor subfamily 1 group C member 1, PPARG, NR1C1, PPAR

**Target/Specificity**

PPAR-alpha

**Formulation**

50  $\mu$ g (0.5 mg/ml) in phosphate buffered saline (PBS), pH 7.2, containing 2% DMSO, 0.1% BSA and 0.02% thimerosal.

**Reconstitution & Storage**

-20 °C

**Background Descriptions****Precautions**

PPAR-alpha Blocking Peptide is for research use only and not for use in diagnostic or therapeutic procedures.

**PPAR-alpha Blocking Peptide - Protein Information****Name** PPARG**Synonyms** NR1C1, PPAR**Function**

Ligand-activated transcription factor. Key regulator of lipid metabolism. Activated by the

endogenous ligand 1-palmitoyl-2-oleoyl-sn- glycerol-3-phosphocholine (16:0/18:1-GPC). Activated by oleylethanolamide, a naturally occurring lipid that regulates satiety. Receptor for peroxisome proliferators such as hypolipidemic drugs and fatty acids. Regulates the peroxisomal beta-oxidation pathway of fatty acids. Functions as a transcription activator for the ACOX1 and P450 genes. Transactivation activity requires heterodimerization with RXRA and is antagonized by NR2C2. May be required for the propagation of clock information to metabolic pathways regulated by PER2.

**Cellular Location**

Nucleus.

**Tissue Location**

Skeletal muscle, liver, heart and kidney. Expressed in monocytes (PubMed:28167758).

**PPAR-alpha Blocking Peptide - 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](#)

**PPAR-alpha Blocking Peptide - Images**