

**Anti-PPAR alpha (pS21) Antibody**  
**Rabbit polyclonal antibody to PPAR alpha (pS21)**  
**Catalog # AP61163**

**Specification**

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**Anti-PPAR alpha (pS21) Antibody - Product Information**

|                   |                        |
|-------------------|------------------------|
| Application       | WB                     |
| Primary Accession | <a href="#">Q07869</a> |
| Other Accession   | <a href="#">P23204</a> |
| Reactivity        | Human, Mouse, Rat, Dog |
| Host              | Rabbit                 |
| Clonality         | Polyclonal             |
| Calculated MW     | 52225                  |

**Anti-PPAR alpha (pS21) Antibody - Additional Information**

**Gene ID** 5465

**Other Names**

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

**Target/Specificity**

Recognizes endogenous levels of PPAR alpha (pS21) protein.

**Dilution**

WB~~WB (1/500 - 1/1000)

**Format**

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

**Storage**

Store at -20 °C. Stable for 12 months from date of receipt

**Anti-PPAR alpha (pS21) Antibody - Protein Information**

**Name** PPARA

**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.

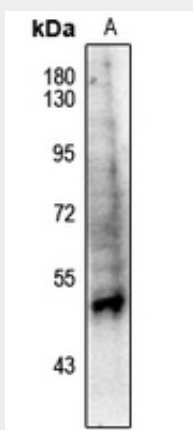
**Tissue Location**

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

**Anti-PPAR alpha (pS21) 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 Cytometry](#)
- [Cell Culture](#)

**Anti-PPAR alpha (pS21) Antibody - Images**

Western blot analysis of PPAR alpha (pS21) expression in CT26 (A) whole cell lysates.

**Anti-PPAR alpha (pS21) Antibody - Background**

KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human PPAR alpha (pS21). The exact sequence is proprietary.