

# Anti-PPAR alpha (pS21) Antibody

Rabbit polyclonal antibody to PPAR alpha (pS21)

Catalog # AP61163

## Product Information

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

## 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

## Protein Information

Name	PPARA
Synonyms	NR1C1, PPAR
Function	<p>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.</p> <p>Nucleus.</p>

**Cellular Location****Tissue Location**

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

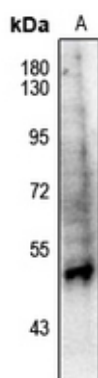
## Background

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

## Images

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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.