

# PPAR $\alpha$ Rabbit mAb

Catalog No.: A25296   **Recombinant**   **2 Publications**

## Basic Information

### Observed MW

60kDa

### Calculated MW

52kDa

### Category

Primary antibody

### Applications

WB,ELISA

### Cross-Reactivity

Mouse, Rat

### Clone/No number

ARC3230

## Background

Peroxisome proliferators include hypolipidemic drugs, herbicides, leukotriene antagonists, and plasticizers; this term arises because they induce an increase in the size and number of peroxisomes. Peroxisomes are subcellular organelles found in plants and animals that contain enzymes for respiration and for cholesterol and lipid metabolism. The action of peroxisome proliferators is thought to be mediated via specific receptors, called PPARs, which belong to the steroid hormone receptor superfamily. PPARs affect the expression of target genes involved in cell proliferation, cell differentiation and in immune and inflammation responses. Three closely related subtypes (alpha, beta/delta, and gamma) have been identified. This gene encodes the subtype PPAR-alpha, which is a nuclear transcription factor. Multiple alternatively spliced transcript variants have been described for this gene, although the full-length nature of only two has been determined.

## Recommended Dilutions

WB                    1:1000 - 1:3000

ELISA                Recommended starting concentration is 1  $\mu$ g/mL.  
                       Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

### Gene ID

5465

### Swiss Prot

Q07869

### Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

### Synonyms

PPAR; NR1C1; hPPAR; PPARalpha; PPAR-alpha; PPAR $\alpha$

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

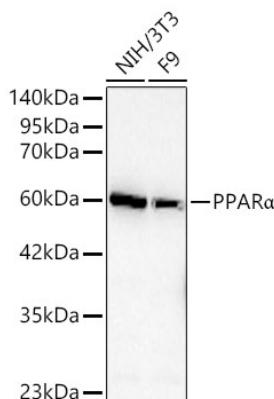
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

## Validation Data

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Western blot analysis of various lysates using PPAR $\alpha$  Rabbit mAb (A25296) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates / proteins: 25  $\mu$ g per lane.  
Blocking buffer: 3 % nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 20s.