

## PPAR $\alpha$ (PT0384R) PT™ Rabbit mAb

CatalogNo: YM8234 **Recombinant** 

### Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse, Rat

#### Applications

- WB, ELISA

#### MW

- 52kD (Calculated)
- 52kD (Observed)

#### Isotype

- IgG, Kappa

### Storage

**Storage\*** -15°C to -25°C/1 year (Do not lower than -25°C)

**Formulation** PBS, 50% glycerol, 0.05% Proclin 300, 0.05% BSA

### Recommended Dilution Ratios

**WB 1:1000-1:5000**

**ELISA 1:5000-1:20000**

### Basic Information

**Clonality** Monoclonal

**Clone Number** PT0384R

### Immunogen Information

**Immunogen** The specific immunogen used to produce this antibody is proprietary information.

**Specificity** Endogenous

### Target Information

**Gene name** PPARA NR1C1 PPAR

**Protein Name** Peroxisome proliferator-activated receptor alpha

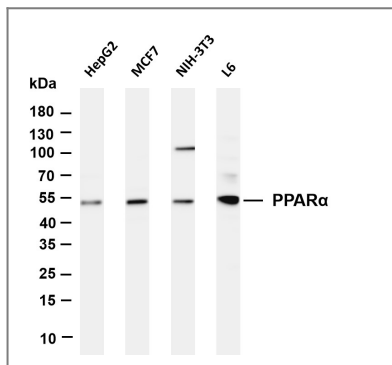
Organism	Gene ID	UniProt ID
Human	<a href="#">5465;</a>	<a href="#">Q07869;</a>
Mouse	<a href="#">19013;</a>	<a href="#">P23204;</a>
Rat	<a href="#">25747;</a>	<a href="#">P37230;</a>

**Cellular Localization** Nucleus

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

**Function** Function:Receptor that binds peroxisome proliferators such as hypolipidemic drugs and fatty acids. Once activated by a ligand, the receptor binds to a promoter element in the gene for acyl-CoA oxidase and activates its transcription. It therefore controls the peroxisomal beta-oxidation pathway of fatty acids.,online information:Peroxisome proliferator-activated receptor entry,similarity:Belongs to the nuclear hormone receptor family. NR1 subfamily.,similarity:Contains 1 nuclear receptor DNA-binding domain.,subunit:Heterodimer with the retinoid X receptor. Interacts with NCOA3 and NCOA6 coactivators, leading to a strong increase of transcription of target genes. Also interacts with PPARBP coactivator in vitro. Interacts with AKAP13.,tissue specificity:Skeletal muscle, liver, heart and kidney.,

## Validation Data



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-PPAR $\alpha$  antibody. The HRP-conjugated Goat anti-Rabbit IgG (H + L) antibody was used to detect the antibody. Lane 1: HepG2 Lane 2: MCF7 Lane 3: NIH-3T3 Lane 4: L6 Predicted band size: 52kDa Observed band size: 52kDa

## Contact information

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Please scan the QR code to access additional product information:  
**PPAR  $\alpha$  (PT0384R)**  
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