

Datasheet for ABIN7163009  
**anti-PPARA antibody (AA 1-237)**



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1 Image

## Overview

|                      |                                      |
|----------------------|--------------------------------------|
| Quantity:            | 100 µL                               |
| Target:              | PPARA                                |
| Binding Specificity: | AA 1-237                             |
| Reactivity:          | Human                                |
| Host:                | Rabbit                               |
| Clonality:           | Polyclonal                           |
| Conjugate:           | This PPARA antibody is un-conjugated |
| Application:         | Western Blotting (WB), ELISA         |

## Product Details

|                   |                                                                                      |
|-------------------|--------------------------------------------------------------------------------------|
| Immunogen:        | Recombinant Human Peroxisome proliferator-activated receptor alpha protein (1-237AA) |
| Isotype:          | IgG                                                                                  |
| Cross-Reactivity: | Human                                                                                |
| Purification:     | >95%, Antigen Affinity purified & Affinity purified                                  |

## Target Details

|                   |                                                                                                                                                                                             |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | PPARA                                                                                                                                                                                       |
| Alternative Name: | PPARA ( <a href="#">PPARA Products</a> )                                                                                                                                                    |
| Background:       | Background: 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). |

## Target Details

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 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.

Aliases: hPPAR antibody, MGC2237 antibody, MGC2452 antibody, NR1C1 antibody, Nuclear receptor subfamily 1 group C member 1 antibody, OTTHUMP00000197740 antibody, OTTHUMP00000197741 antibody, Peroxisome proliferative activated receptor alpha antibody, Peroxisome proliferator activated receptor alpha antibody, Peroxisome proliferator-activated receptor alpha antibody, PPAR antibody, PPAR-alpha antibody, ppara antibody, PPARA\_HUMAN antibody, PPARalpha antibody

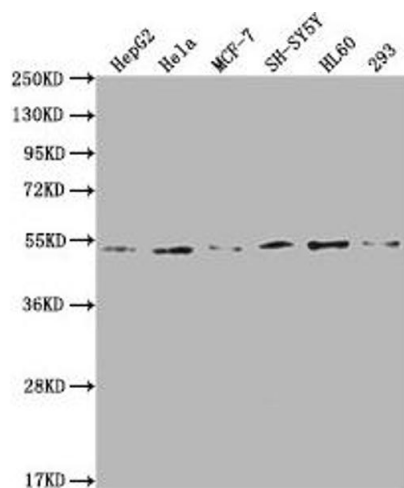
|           |                                                                                                                                                                                                                                                                                |
|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| UniProt:  | <a href="#">Q07869</a>                                                                                                                                                                                                                                                         |
| Pathways: | <a href="#">Nuclear Receptor Transcription Pathway</a> , <a href="#">Steroid Hormone Mediated Signaling Pathway</a> , <a href="#">Regulation of Lipid Metabolism by PPARalpha</a> , <a href="#">Regulation of Carbohydrate Metabolic Process</a> , <a href="#">Hepatitis C</a> |

## Application Details

|                    |                                         |
|--------------------|-----------------------------------------|
| Application Notes: | Recommended dilution: WB:1:1000-1:5000, |
| Restrictions:      | For Research Use only                   |

## Handling

|                    |                                                                                                                   |
|--------------------|-------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                            |
| Buffer:            | Preservative: 0.03 % Proclin 300<br>Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4                                |
| Preservative:      | ProClin                                                                                                           |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage:           | -20 °C,-80 °C                                                                                                     |
| Storage Comment:   | Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.                                                     |



Western Blotting

**Image 1.** Western Blot Positive WB detected in: HepG2 whole cell lysate, HeLa whole cell lysate, MCF-7 whole cell lysate, SH-SY5Y whole cell lysate, HL60 whole cell lysate, 293 whole cell lysate All lanes: PPARA antibody at 1:2000 Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 53, 19 kDa Observed band size: 53 kDa