

**Product Name: PPAR gamma (19L6) Rabbit Monoclonal Antibody**  
**Catalog #: AMRe16408**

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## Summary

|                        |                                              |
|------------------------|----------------------------------------------|
| <b>Production Name</b> | PPAR gamma (19L6) Rabbit Monoclonal Antibody |
| <b>Description</b>     | Rabbit Monoclonal Antibody                   |
| <b>Host</b>            | Rabbit                                       |
| <b>Application</b>     | WB,ICC/IF,FC                                 |
| <b>Reactivity</b>      | Human                                        |

## Performance

|                     |                                                                                                                                                                          |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Conjugation</b>  | Unconjugated                                                                                                                                                             |
| <b>Modification</b> | Unmodified                                                                                                                                                               |
| <b>Isotype</b>      | IgG                                                                                                                                                                      |
| <b>Clonality</b>    | Monoclonal                                                                                                                                                               |
| <b>Form</b>         | Liquid                                                                                                                                                                   |
| <b>Storage</b>      | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.<br>Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type |
| <b>Buffer</b>       | preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term.<br>Avoid freeze / thaw cycle.                                                       |
| <b>Purification</b> | Affinity purification                                                                                                                                                    |

## Immunogen

|                          |                                                                                                                                                                                                                                                                                             |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>         | PPARG                                                                                                                                                                                                                                                                                       |
| <b>Alternative Names</b> | CIMT1; GLM1; NR1C3; Nuclear receptor subfamily 1 group C member 3; Peroxisome proliferator activated nuclear receptor gamma variant 1; Peroxisome proliferator activated receptor gamma 1; Peroxisome Proliferator Activated Receptor gamma; PPAR gamma; PPARG; PPARG1; PPARG2; PPARGgamma; |
| <b>Gene ID</b>           | 5468.0                                                                                                                                                                                                                                                                                      |
| <b>SwissProt ID</b>      | P37231.                                                                                                                                                                                                                                                                                     |

## Application

|                       |                                                 |
|-----------------------|-------------------------------------------------|
| <b>Dilution Ratio</b> | WB 1:1000, ICC/IF 1:100-1:200, FCM 1:200-1:1000 |
|-----------------------|-------------------------------------------------|

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**Molecular Weight**

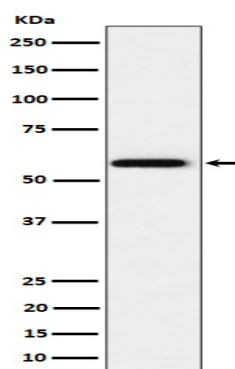
58kDa

## Background

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. Key regulator of adipocyte differentiation and glucose homeostasis. Nuclear receptor that binds peroxisome proliferators such as hypolipidemic drugs and fatty acids. Once activated by a ligand, the nuclear receptor binds to DNA specific PPAR response elements (PPRE) and modulates the transcription of its target genes, such as acyl-CoA oxidase. It therefore controls the peroxisomal beta-oxidation pathway of fatty acids. Key regulator of adipocyte differentiation and glucose homeostasis. ARF6 acts as a key regulator of the tissue-specific adipocyte P2 (aP2) enhancer. Acts as a critical regulator of gut homeostasis by suppressing NF-kappa-B-mediated proinflammatory responses. Plays a role in the regulation of cardiovascular circadian rhythms by regulating the transcription of ARNTL/BMAL1 in the blood vessels (By similarity).

## Research Area

## Image Data



Western blot analysis of PPAR gamma expression in HeLa cell lysate.

## Note

For research use only.