

# Rabbit anti-human PPARG Polyclonal Antibody

Catalog Number: R16019P

| General Information   |   |
|---|---|
| <b>Immunogen</b>  | A synthetic peptide of human PPARG                      |
| <b>IgG type</b>   | IgG   |
| <b>Clonality</b>  | Polyclonal  |
| <b>Specificity</b>  | human PPARG   |
| <b>Applications &amp; dilution</b>  | WB 1:500 - 1:2000<br>IHC 1:50- 1:200<br>IF 1:50 - 1:200 |
| <b>Formulation</b>  | PBS with 0.02% sodium azide, 50% glycerol, pH7.3.       |
| <b>Purity</b>   | ≥95% purity by SDS-PAGE                                 |
| <b>Storage</b>  | Store at -20°C. Avoid freeze / thaw cycles.             |
| <b>Abbreviation:</b><br>ELISA: Enzyme-linked immunosorbent assay; ITA: immunoturbidimetric assay; IP: immunoprecipitation; IHC: immunohistochemistry; IF: immunofluorescence. WB: western blot; FC: flowcytometry |   |

## Background

Peroxisome proliferator-activated receptor  $\gamma$  (PPAR $\gamma$ ) is a member of the ligand-activated nuclear receptor superfamily and functions as a transcriptional activator. PPAR $\gamma$  is preferentially expressed in adipocytes as well as in vascular smooth muscle cells and macrophage. Besides its role in mediating adipogenesis and lipid metabolism, PPAR $\gamma$  also modulates insulin sensitivity, cell proliferation and inflammation. PPAR $\gamma$  transcriptional activity is inhibited by MAP kinase phosphorylation of PPAR $\gamma$  at Ser84.

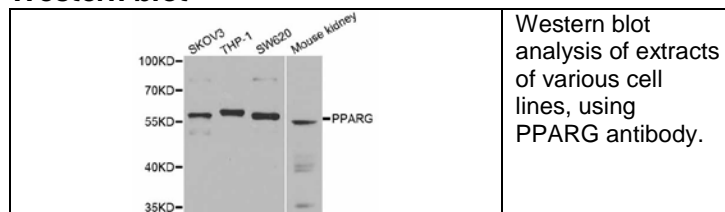
**For research use only**

## Preparation

Polyclonal antibody is produced by immunizing rabbit with a synthetic peptide of human PPARG and purified using protein A resin.

## Applications

### Western blot



## Storage

This antibody is shipped at 4 °C. This product is stable for 12 months from date of receipt when stored at -20 °C to -70 °C. Avoid freeze/thaw cycles.

## Hazard/Biohazard

This antibody contains 0.02% sodium azide as preservative. Please handle and dispose the product properly. No known biohazard is associated with this product.