

## Anti-PPAR $\gamma$ Polyclonal Antibody

<b>CATALOG NO:</b>	3809-30T	30 $\mu$ g (Trial size)
	3809-100	100 $\mu$ g
<b>HOST:</b>	Rabbit	
<b>IMMUNOGEN:</b>	Synthetic peptide surrounding amino acid 262 of human PPAR $\gamma$ isoform CRA-c (ID# BV-578).	
<b>SPECIES REACTIVITY:</b>	Human, Mouse	

### FORMULATION:

0.5 mg/ml affinity purified rabbit polyclonal antibody in phosphate-buffered saline (PBS) containing 30% glycerol, 0.5% BSA, and 0.01% thimerosal.

### STORAGE CONDITIONS:

Store at -20°C. For long term storage, aliquot and freeze at -70°C. Avoid repeated freeze/thaw cycles.

### BACKGROUND:

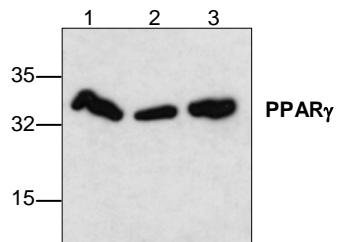
PPAR (Peroxisome proliferator-activated receptor) is a member of the nuclear hormone receptor superfamily and functions as a transcriptional activator. PPAR $\gamma$  is preferentially expressed in adipocyte as well as in vascular smooth muscle cells and macrophage. Besides its role in mediating adipogenesis and lipids metabolism, PPAR $\gamma$  also modulates insulin sensitivity, cell proliferation and inflammation. The inhibition of PPAR $\gamma$  transcription activity is due to MAP kinase phosphorylation at serine 84 of PPAR $\gamma$ .

### SPECIFICITY:

The antibody recognizes ~33 kDa band, corresponding to PPAR $\gamma$  (isoform CRA-c) in samples from human and mouse origins. Reactivity to other species has not been tested.

### APPLICATION:

The antibody can be used in Western blotting (0.5-4  $\mu$ g/ml). However, the optimal concentrations should be determined individually. Blocking peptide (Cat.# 3809BP-50) is available separately.



**Cat#: 3809-100**  
Western blot analysis of PPAR $\gamma$  in lysate from 3T3 cells (Lane 1) and Jurkat Cells (Lane 2,3).

### RELATED PRODUCTS:

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- Nuclear/Cytosol Fractionation Kit
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- Mammalian Cell Extraction Kit
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