

Anti-PPAR γ Polyclonal Antibody

CATALOG NO:	3809-30T	30 μ g (Trial size)
	3809-100	100 μ g
HOST:	Rabbit	
IMMUNOGEN:	Synthetic peptide surrounding amino acid 262 of human PPAR γ isoform CRA-c (ID# BV-578).	
SPECIES REACTIVITY:	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:

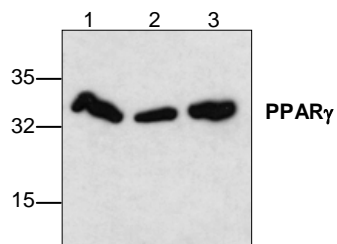
PPAR (Peroxisome proliferator-activated receptor) is a member of the nuclear hormone receptor superfamily and functions as a transcriptional activator. PPAR γ is preferentially expressed in adipocyte as well as in vascular smooth muscle cells and macrophage. Besides its role in mediating adipogenesis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

SPECIFICITY:

The antibody recognizes ~33 kDa band, corresponding to PPAR γ (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 μ 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 γ in lysate from 3T3 cells (Lane 1) and Jurkat Cells (Lane 2,3).

RELATED PRODUCTS:

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- Mitochondrial Apoptosis Kits & Reagents
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- Apoptosis siRNA Vectors

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- Cytosol/Particulate Rapid Separation Kit
- Mammalian Cell Extraction Kit
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Monoclonal and Polyclonal Antibodies

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