

## PPAR-Gamma Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP07357
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	Recombinant Protein of PPAR- $\gamma$
<b>Mol wt</b>	57620
<b>Species reactivity</b>	Human, Mouse, Rat
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, IHC-p
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	PPAR-gamma Antibody
<b>Synonyms</b>	PPARG; NR1C3; Peroxisome proliferator-activated receptor gamma; PPAR-gamma; Nuclear receptor subfamily 1 group C member 3

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

### Background

PPARG encodes a member of the peroxisome proliferator-activated receptor (PPAR) subfamily of nuclear receptors. PPARs form heterodimers with retinoid X receptors (RXRs) and these heterodimers regulate transcription of various genes. Three subtypes of PPARs are known: PPAR-alpha, PPAR-delta, and PPAR-gamma. The protein encoded by PPARG is PPAR-gamma and is a regulator of adipocyte differentiation. Additionally, PPAR-gamma has been implicated in the pathology of numerous diseases including obesity, diabetes, atherosclerosis and cancer. Alternatively spliced transcript variants that encode different isoforms have been described.

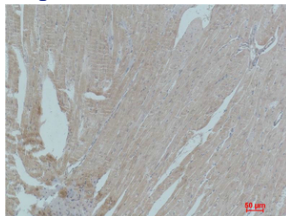
### Recommended Dilution

WB: 1: 500 - 1000

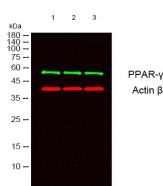
IHC: 1: 200 - 500

Not yet tested in other applications.

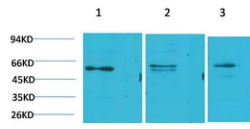
### Images



Immunohistochemical analysis of paraffin-embedded Mouse Heart Tissue using PPAR- $\gamma$  Polyclonal Antibody.



Western blot analysis of lysates from 1) HeLa, 2) 3T3, 3) PC12 cells, (Green) primary antibody was diluted at 1:1000, 4° over night, secondary antibody(cat:RS23920)was diluted at 1:10000, 37° 1hour. (Red) Actin  $\beta$  Monoclonal Antibody(5B7) (cat:YM3028) antibody was diluted at 1:5000 as loading control, 4° over night,secondary antibody(cat:RS23710)was diluted at 1:10000, 37° 1hour.



Western blot analysis of 1) HeLa, 2) 3T3, 3) PC12 using PPAR- $\gamma$  Polyclonal Antibody. Secondary antibody was diluted at 1:20000

### Storage

-20°C for one year

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