

## PPAR- gamma(Phospho Ser112) Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP13253
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human PPAR-gamma around the phosphorylation site of Ser112. AA range:78-127
<b>Mol wt</b>	57620
<b>Species reactivity</b>	Human, Mouse, Rat
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	Peroxisome proliferator-activated receptor gamma
<b>Synonyms</b>	Peroxisome proliferator-activated receptor gamma; 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

This gene 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 this gene 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

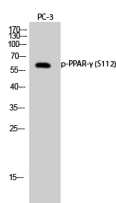
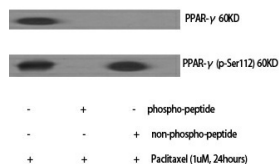
WB: 1: 500 - 1: 2000

ELISA: 1: 10000

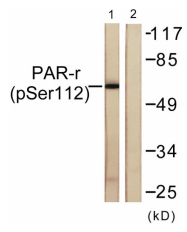
Not yet tested in other applications.

### Images

Western Blot analysis of various cells using Phospho-PPAR- $\gamma$  (S112) Polyclonal Antibody diluted at 1:500



Western Blot analysis of PC-3 cells using Phospho-PPAR- $\gamma$  (S112) Polyclonal Antibody diluted at 1:500



Western blot analysis of lysates from Jurkat cells treated with Paclitaxel 1uM 24h, using PPAR-gamma (Phospho-Ser112) Antibody. The lane on the right is blocked with the phospho peptide.

### Storage

-20°C for 1 year

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