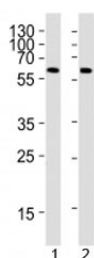


## PPARG Antibody / PPAR gamma (F52603)

Catalog No.	Formulation	Size
F52603-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F52603-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

[Bulk quote request](#)

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human, Mouse
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit Ig
<b>Purity</b>	Antigen affinity
<b>UniProt</b>	P37231
<b>Applications</b>	Western Blot : 1:1000
<b>Limitations</b>	This PPARG antibody is available for research use only.



Western blot analysis of 1) human placenta and 2) mouse heart tissue lysate using PPARG antibody at 1:1000. Predicted molecular weight: 54-57 kDa.

## Description

Nuclear receptor that binds peroxisome proliferators such as hypolipidemic drugs and fatty acids. Once activated by a ligand, the nuclear receptor binds to DNA specific PPAR response elements (PPRE) and modulates the transcription of its target genes, such as acyl-CoA oxidase. It therefore controls the peroxisomal beta-oxidation pathway of fatty acids. Key regulator of adipocyte differentiation and glucose homeostasis. ARF6 acts as a key regulator of the tissue-specific adipocyte P2 (aP2) enhancer. Acts as a critical regulator of gut homeostasis by suppressing NF-kappa-B-mediated proinflammatory responses.

## Application Notes

Titration of the PPARG antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

This PPARG antibody was produced from a rabbit immunized with a KLH conjugated synthetic peptide between 2-35 amino acids from the N-terminal region of human PPARG.

## Storage

Aliquot the PPARG antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.