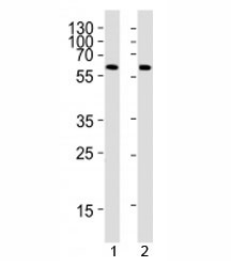
PPARG Antibody / PPAR gamma (F52603)

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

Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P37231
Applications	Western blot: 1:1000
Limitations	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.

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