

Datasheet for ABIN3032195
anti-PPARG antibody (AA 1-30)



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3 Images

Overview

Quantity:	0.4 mL
Target:	PPARG
Binding Specificity:	AA 1-30
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PPARG antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS)

Product Details

Immunogen:	A portion of amino acids 1-30 from the human protein was used as the immunogen for this PPARG antibody.
Isotype:	Ig Fraction
Purification:	Antigen affinity purified

Target Details

Target:	PPARG
Alternative Name:	PPARG (PPARG Products)
Background:	PPARG is a 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-

Target Details

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. Plays a role in the regulation of cardiovascular circadian rhythms by regulating the transcription of ARNTL/BMAL1 in the blood vessels (By similarity). [UniProt]

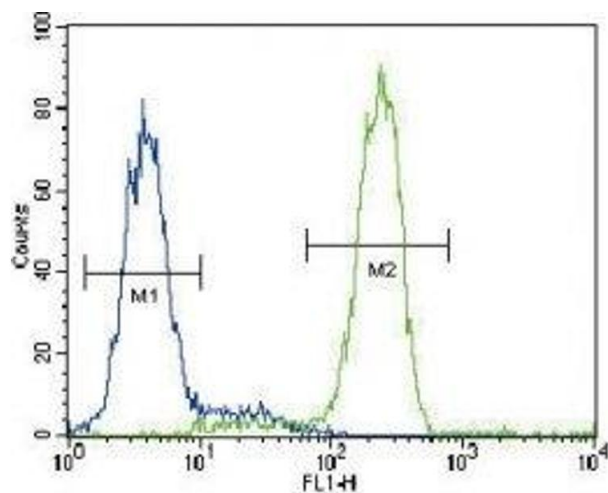
UniProt:	P37231
Pathways:	MAPK Signaling , Nuclear Receptor Transcription Pathway , Steroid Hormone Mediated Signaling Pathway , Negative Regulation of Hormone Secretion , Carbohydrate Homeostasis , Regulation of Lipid Metabolism by PPARalpha , Positive Regulation of Endopeptidase Activity , Brown Fat Cell Differentiation , Positive Regulation of fat Cell Differentiation

Application Details

Application Notes:	Titration of the PPARG antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000,Flow Cytometry: 1:10-1:50
Restrictions:	For Research Use only

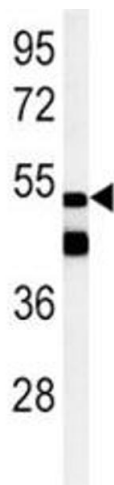
Handling

Format:	Liquid
Buffer:	In 1X PBS, pH 7.4, with 0.09 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Aliquot the PPARG antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.



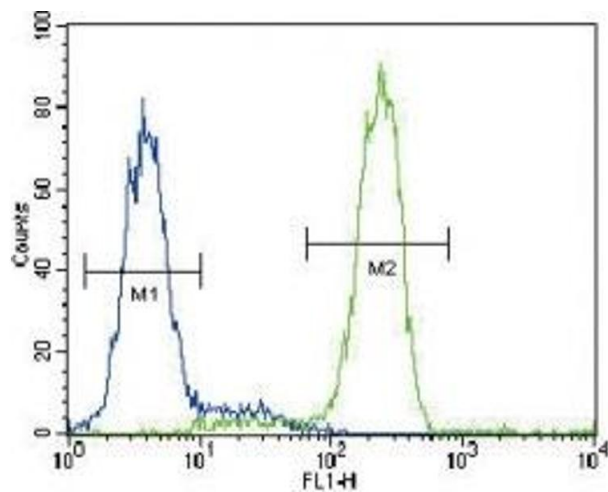
Flow Cytometry

Image 1. PPARG antibody flow cytometric analysis of HepG2 cells (green) compared to a negative control (blue). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.



Western Blotting

Image 2. PPARG antibody western blot analysis in mouse heart tissue lysate.



Flow Cytometry

Image 3. PPARG antibody flow cytometric analysis of HepG2 cells (green) compared to a [negative control](#) (blue). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.