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anti-PPARG antibody (AA 157-274)

2 Images



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Overview

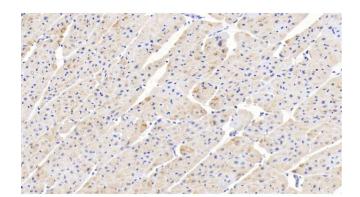
Quantity:	100 μL
Target:	PPARG
Binding Specificity:	AA 157-274
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PPARG antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Peroxisome Proliferator Activated Receptor Gamma (PPARg)
Immunogen:	Recombinant Peroxisome Proliferator Activated Receptor Gamma (PPARg) corresdonding to Glu157~Pro274 (Accession # P37231)
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against PPARg. It has been selected for its ability to recognize PPARg in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Pig, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

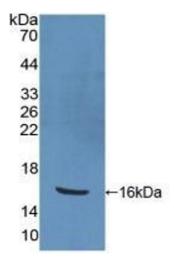
Target Details

Target:	PPARG
Alternative Name:	Peroxisome Proliferator Activated Receptor Gamma (PPARG Products)
Background:	PPAR-G, PPARG1, PPARG2, NR1C3, Glitazone Receptor, Nuclear Receptor Subfamily 1 Group C
	Member 3
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:	Western blotting: 1-5 μg/mL Immunocytochemistry in formalin fixed cells: 5-20 μg/mL
	Immunohistochemistry in formalin fixed frozen section: 5-20 $\mu g/mL$ Immunohistochemistry in
	paraffin section: 5-20 μg/mL Enzyme-linked Immunosorbent Assay: 0.05-2 μg/mL Optimal
	working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated
	thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious
	degradation and precipitation were observed. The loss rate is less than 5% within the expiration
	date under appropriate storage condition.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be
	handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without
	detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



Immunohistochemistry

Image 1. Detection of PPARg in Human Cardiac Muscle Tissue using Polyclonal Antibody to Peroxisome Proliferator Activated Receptor Gamma (PPARg)



Western Blotting

Image 2. Detection of Recombinant PPARg, Human using Polyclonal Antibody to Peroxisome Proliferator Activated Receptor Gamma (PPARg)