Datasheet for ABIN7427459

anti-PPARG antibody (AA 311-493)

2 Images

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Overview

Quantity:	100 µL
Target:	PPARG
Binding Specificity:	AA 311-493
Reactivity:	Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This PPARG antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Monoclonal Antibody to Peroxisome Proliferator Activated Receptor Gamma (PPARg)
Immunogen:	Recombinant Peroxisome Proliferator Activated Receptor Gamma (PPARg) corresdonding to Gln311~Leu493 with N-terminal His Tag
Clone:	C5
Isotype:	IgG2a kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against PPARg. It has been selected for its ability to recognize PPARg in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human, Mouse, Pig
Purification:	Protein A + Protein G affinity chromatography

Target Details

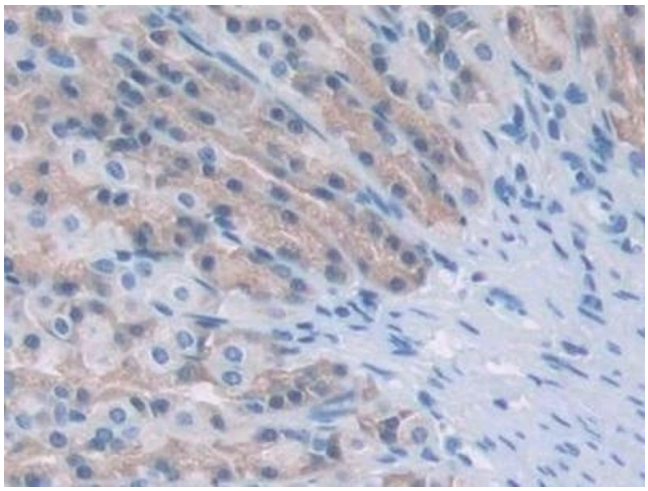
Target:	PPARG
Alternative Name:	Peroxisome Proliferator Activated Receptor Gamma (PPARG Products)
Background:	PPAR-G, PPARG1, PPARG2, NR1C3, Glitazone Receptor, Nuclear Receptor Subfamily 1 Group C Member 3
Pathways:	MAPK Signaling, Nuclear Receptor Transcription Pathway, Steroid Hormone Mediated Signaling 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: 0.5-2 µg/mL 1:500-2000 Immunohistochemistry: 5-20 µg/mL 1:50-200 Immunocytochemistry: 5-20 µg/mL 1:50-200 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

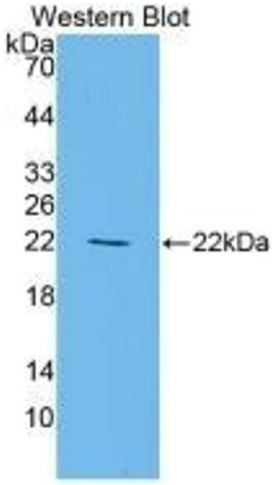
Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
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:	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 Rat Stomach Tissue using Monoclonal Antibody to Peroxisome Proliferator Activated Receptor Gamma (PPARg)



Western Blotting

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