

Datasheet for ABIN7436450
anti-PPARGC1A antibody (AA 588-773)[Go to Product page](#)

3 Images

Overview

Quantity:	100 µL
Target:	PPARGC1A
Binding Specificity:	AA 588-773
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PPARGC1A antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunoprecipitation (IP)

Product Details

Purpose:	Polyclonal Antibody to Peroxisome Proliferator Activated Receptor Gamma Coactivator 1 Alpha (PPARγC1α)
Immunogen:	Recombinant Peroxisome Proliferator Activated Receptor Gamma Coactivator 1 Alpha (PPARγC1α) corresponding to Ser588~Ser773 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against PPARγC1α. It has been selected for its ability to recognize PPARγC1α in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human, Mouse
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

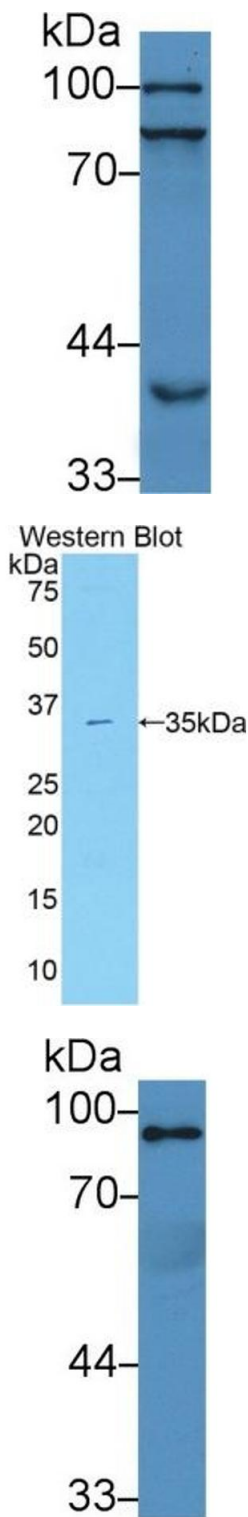
Target:	PPARGC1A
Alternative Name:	Peroxisome Proliferator Activated Receptor Gamma Coactivator 1 Alpha (PPARGC1A Products)
Background:	LEM6, PGC-1(alpha), PGC-1v, PGC1, PGC1A, PPARGC1, Ligand effect modulator 6
Pathways:	Intracellular Steroid Hormone Receptor Signaling Pathway , Carbohydrate Homeostasis , Regulation of Lipid Metabolism by PPARalpha , Regulation of Carbohydrate Metabolic Process , Smooth Muscle Cell Migration , Brown Fat Cell Differentiation

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 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



Western Blotting

Image 1. Detection of PPARγC1a in Rat Cerebrum lysate using Polyclonal Antibody to Peroxisome Proliferator Activated Receptor Gamma Coactivator 1 Alpha (PPARγC1a)

Western Blotting

Image 2. Detection of Recombinant PPARγC1a, Rat using Polyclonal Antibody to Peroxisome Proliferator Activated Receptor Gamma Coactivator 1 Alpha (PPARγC1a)

Western Blotting

Image 3. Detection of PPARγC1a in Rat Serum using Polyclonal Antibody to Peroxisome Proliferator Activated Receptor Gamma Coactivator 1 Alpha (PPARγC1a)