

Datasheet for ABIN5542540
anti-PPARA antibody (AA 1-120)

5 Images

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Overview

Quantity:	0.1 mg
Target:	PPARA
Binding Specificity:	AA 1-120
Reactivity:	Human, Monkey
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This PPARA antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS), Immunohistochemistry (IHC), Immunocytochemistry (ICC)

Product Details

Immunogen:	Purified recombinant fragment of human PPARA (AA: 1-120) expressed in E. coli.
Clone:	5D10C3
Isotype:	IgG1
Purification:	purified

Target Details

Target:	PPARA
Alternative Name:	PPARA (PPARA Products)
Background:	Description: Peroxisome proliferators include hypolipidemic drugs, herbicides, leukotriene

Target Details

antagonists, and plasticizers, this term arises because they induce an increase in the size and number of peroxisomes. Peroxisomes are subcellular organelles found in plants and animals that contain enzymes for respiration and for cholesterol and lipid metabolism. The action of peroxisome proliferators is thought to be mediated via specific receptors, called PPARs, which belong to the steroid hormone receptor superfamily. PPARs affect the expression of target genes involved in cell proliferation, cell differentiation and in immune and inflammation responses. Three closely related subtypes (alpha, beta/delta, and gamma) have been identified. This gene encodes the subtype PPAR-alpha, which is a nuclear transcription factor. Multiple alternatively spliced transcript variants have been described for this gene, although the full-length nature of only two has been determined. ,

Aliases: PPAR, NR1C1, hPPAR, PPARalpha

Molecular Weight: 52.2 kDa

Gene ID: 5465

HGNC: 5465

Pathways: [Nuclear Receptor Transcription Pathway](#), [Steroid Hormone Mediated Signaling Pathway](#), [Regulation of Lipid Metabolism by PPARalpha](#), [Regulation of Carbohydrate Metabolic Process](#), [Hepatitis C](#)

Application Details

Application Notes: ELISA: 1:10000, WB: 1:500 - 1:2000, IHC: , ICC: , FCM: 1:200 - 1:400

Restrictions: For Research Use only

Handling

Format: Liquid

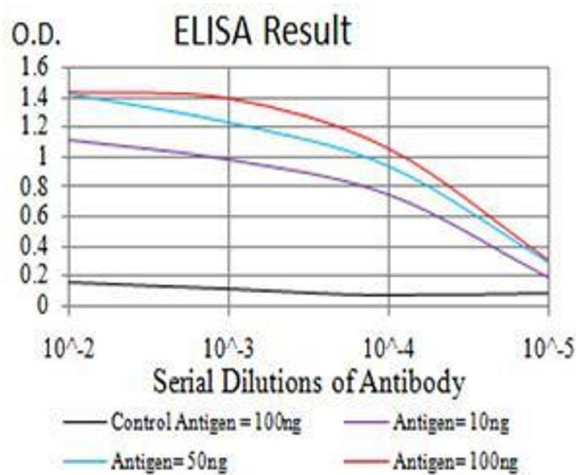
Buffer: Purified antibody in PBS with 0.05 % sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

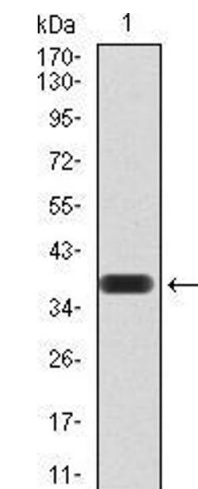
Storage: 4 °C/-20 °C

Storage Comment: 4°C, -20°C for long term storage



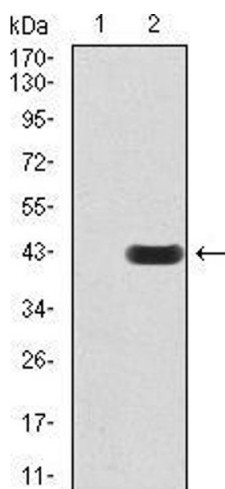
ELISA

Image 1. Black line: Control Antigen (100 ng), Purple line: Antigen(10 ng), Blue line: Antigen (50 ng), Red line: Antigen (100 ng),



Western Blotting

Image 2. Western blot analysis using PPARA mAb against human PPARA (AA: 1-120) recombinant protein. (Expected MW is 38.4 kDa)



Western Blotting

Image 3. Western blot analysis using PPARA mAb against HEK293 (1) and PPARA (AA: 1-120)-hlgGFc transfected HEK293 (2) cell lysate.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN5542540.