

Datasheet for ABIN4913181
anti-PPARA antibody



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1 Image

Overview

Quantity:	100 µL
Target:	PPARA
Reactivity:	Human, Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This PPARA antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This PPARA antibody is generated from a mouse immunized with a recombination protein from the human region of human PPARA.
Clone:	7G5
Isotype:	IgG1
Cross-Reactivity:	Human, Mouse
Purification:	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, followed by dialysis against PBS.

Target Details

Target:	PPARA
Alternative Name:	PPARA (PPARA Products)

Target Details

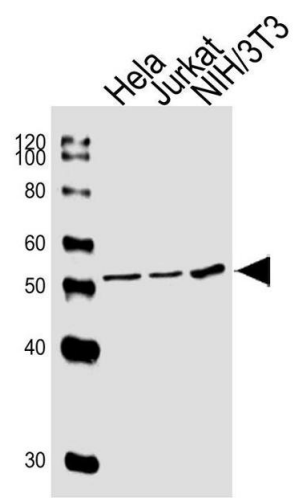
Background:	<p>Synonyms: PPAR, NR1C1, hPPAR, PPARalpha, Peroxisome proliferator-activated receptor alpha, PPAR-alpha, Nuclear receptor subfamily 1 group C member 1, PPARG</p> <p>Background: Ligand-activated transcription factor. Key regulator of lipid metabolism. Activated by the endogenous ligand 1-palmitoyl-2-oleoyl-sn-glycerol-3-phosphocholine (16:0/18:1-GPC). Activated by oleylethanolamide, a naturally occurring lipid that regulates satiety. Receptor for peroxisome proliferators such as hypolipidemic drugs and fatty acids. Regulates the peroxisomal beta-oxidation pathway of fatty acids. Functions as transcription activator for the ACOX1 and P450 genes. Transactivation activity requires heterodimerization with RXRA and is antagonized by NR2C2. May be required for the propagation of clock information to metabolic pathways regulated by PER2.</p>
Gene ID:	5465
UniProt:	Q07869
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:	WB 1:300-5000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 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:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months



Western Blotting

Image 1. Sample Tissue/Cells lysates probed with PPARA (1331CT894.186.143) Monoclonal Antibody, unconjugated (bsm-51405M) at 1:500 overnight at 4°C followed by a conjugated secondary antibody for 60 minutes at 37°C.