

Anti-PPAR alpha Antibody

Catalog # AP96011

Product Information

Application	WB, FC
Primary Accession	Q07869
Reactivity	Human, Mk
Host	Mouse
Clonality	Monoclonal
Calculated MW	52225

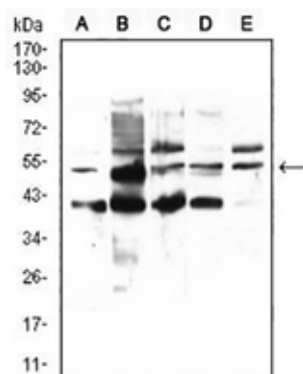
Additional Information

Gene ID	5465
Other Names	NR1C1; PPAR; Peroxisome proliferator-activated receptor alpha; PPAR-alpha; Nuclear receptor subfamily 1 group C member 1
Target/Specificity	Recombinant fusion protein of human PPAR alpha expressed in E. Coli
Dilution	WB~~WB (1/500 - 1/1000) FC~~FC (1/100 - 1/200)
Format	Mouse IgG1. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

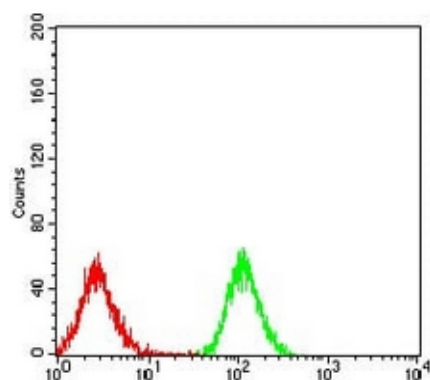
Protein Information

Name	PPARA
Synonyms	NR1C1, PPAR
Function	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 a 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.
Cellular Location	Nucleus.
Tissue Location	Skeletal muscle, liver, heart and kidney. Expressed in monocytes (PubMed:28167758).

Images



Western blot analysis of PPAR alpha expression in HepG2 (A), HEK293 (B), COS7 (G), HepG2 (D), Jurkat (E) whole cell lysates. (Predicted band size: 52 kD; Observed band size: 52 kD)



Flow cytometric analysis of Jurkat cells using Anti-PPAR alpha Antibody (green) and negative control (red).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.