Best Tools for immunology Research

PPAR delta protein

Catalog No :	YD0086
Reactivity :	Human
Applications :	WB;SDS-PAGE
Gene Name :	PPARD NR1C2 PPARB
Protein Name :	PPAR delta protein
Sequence :	Amino acid: 287-441, with his-MBP tag.
Human Gene Id :	5467
Human Swiss Prot No :	Q03181
Mouse Swiss Prot No :	P35396
Formulation :	Liquid in PBS
Concentration :	SDS-PAGE >90%
Storage Stability :	-20°C/6 month,-80°C for long storage
Background :	function:Receptor that binds peroxisome proliferators such as hypolipidemic drugs and fatty acids. Once activated by a ligand, the receptor binds to a promoter element in the gene for acyl-CoA oxidase and activates its transcription. It therefore controls the peroxisomal beta-oxidation pathway of fatty acids. Decreases expression of NPC1L1 once activated by a ligand.,online information:Peroxisome proliferator-activated receptor entry,similarity:Belongs to the nuclear hormone receptor family. NR1 subfamily.,similarity:Contains 1 nuclear receptor DNA-binding domain.,subunit:Heterodimer with the retinoid X receptor.,tissue specificity:Ubiquitous with maximal levels in placenta and skeletal muscle.,
Function :	negative regulation of transcription from RNA polymerase II promoter, regulation of action potential, placenta development, maternal placenta development, hair follicle development, reproductive developmental process,monosaccharide metabolic process, glucose metabolic process, generation of precursor

metabolites and energy,transcription, regulation of transcription, DNA-dependent, regulation of transcription from RNA polymerase II promoter,fatty acid metabolic process, fatty acid beta-oxidation, isoprenoid metabolic process, vitamin metabolic process, fat-soluble vitamin metabolic process, vitamin A metabolic process, lipid transport, cellular ion homeostasis, apoptosis, cell motion, cell adhesion, ensheathment of neurons, ectoderm development, female pregnancy, embryo implantation,steroid metabolic process, cholesterol metabolic process, cell death, cell proliferation, positive regulati

Subcellular Location : Nucleus.

Expression : Ubiquitous with maximal levels in placenta and skeletal muscle.

Products Images