



PPAR δ Rabbit mAb

Catalog No	YP-rAb-17196
Isotype	IgG
Reactivity	Human,Mouse,Rat
Applications	WB,IF,IP,ELISA
Gene Name	PPARD NR1C2 PPARB
Protein Name	PPAR Delta
Purification Process	Protein A
Specificity	Endogenous
Formulation	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Source	Monoclonal, Rabbit,IgG
Dilution	WB 1:2000-1:10000; IF 1:200-1:1000; ELISA 1:5000-1:20000; IP 1:50-1:200;
Concentration	0.5 mg/ml
Purity	$\geq 90\%$
Storage Stability	-15° C to -25° C/1 year(Do not lower than -25° C)
Synonyms	Peroxisome proliferator-activated receptor delta ; PPAR-delta ; NUC1 ; Nuclear hormone receptor 1 ; NUC1 ; Nuclear receptor subfamily 1 group C member 2 ; Peroxisome proliferator-activated receptor beta ; PPAR-beta ;
Observed Band	54kD
Calculated Molecular Weight	50kD
Cell Pathway	Nucleus.
Tissue Specificity	Ubiquitous with maximal levels in placenta and skeletal muscle.
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.,





Background

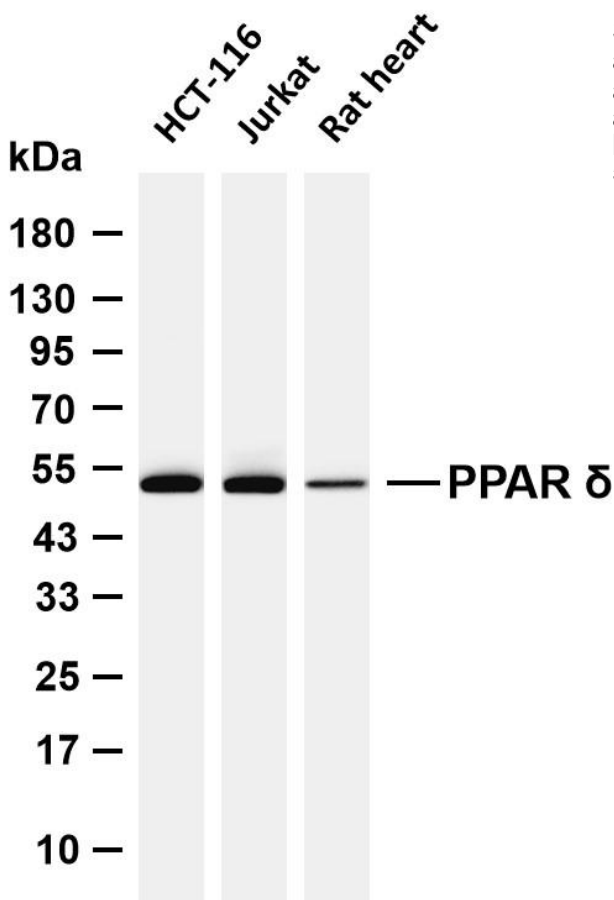
peroxisome proliferator activated receptor delta(PPAR δ) Homo sapiens This gene encodes a member of the peroxisome proliferator-activated receptor (PPAR) family. The encoded protein is thought to function as an integrator of transcriptional repression and nuclear receptor signaling. It may inhibit the ligand-induced transcriptional activity of peroxisome proliferator activated receptors alpha and gamma, though evidence for this effect is inconsistent. Expression of this gene in colorectal cancer cells may be variable but is typically relatively low. Knockout studies in mice suggested a role for this protein in myelination of the corpus callosum, lipid metabolism, differentiation, and epidermal cell proliferation. Alternative splicing results in multiple transcript variants encoding distinct protein isoforms. [provided by RefSeq, Aug 2017]

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-PPAR δ antibody. The HRP-conjugated Goat anti-Rabbit IgG (H + L) antibody was used to detect the antibody. Lane 1: HCT-116 Lane 2: Jurkat Lane 3: Rat heart Predicted band size: 50kDa Observed band size: 50kDa

