

PPAR-α Polyclonal Antibody

Catalog # AP72018

Specification

PPAR-α Polyclonal Antibody - Product Information

Application Primary Accession Reactivity Host WB, IHC-P, IF
O07869
Human, Mouse, Rat
Rabbit
Polyclonal

PPAR-α Polyclonal Antibody - Additional Information

Gene ID 5465

Other Names

PPARA; NR1C1; PPAR; Peroxisome proliferator-activated receptor alpha; PPAR-alpha; Nuclear receptor subfamily 1 group C member 1

Dilution

Clonality

WB~~WB 1:500-2000, ELISA 1:10000-20000 IHC 1:50-300 IHC-P~~N/A IF~~1:50~200

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

PPAR-α Polyclonal Antibody - 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

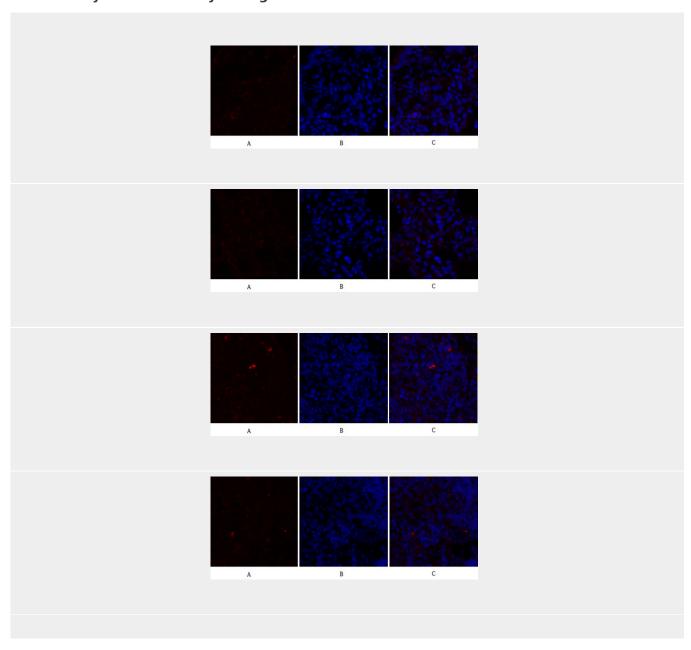
Skeletal muscle, liver, heart and kidney. Expressed in monocytes (PubMed:28167758).

PPAR-α Polyclonal Antibody - Protocols

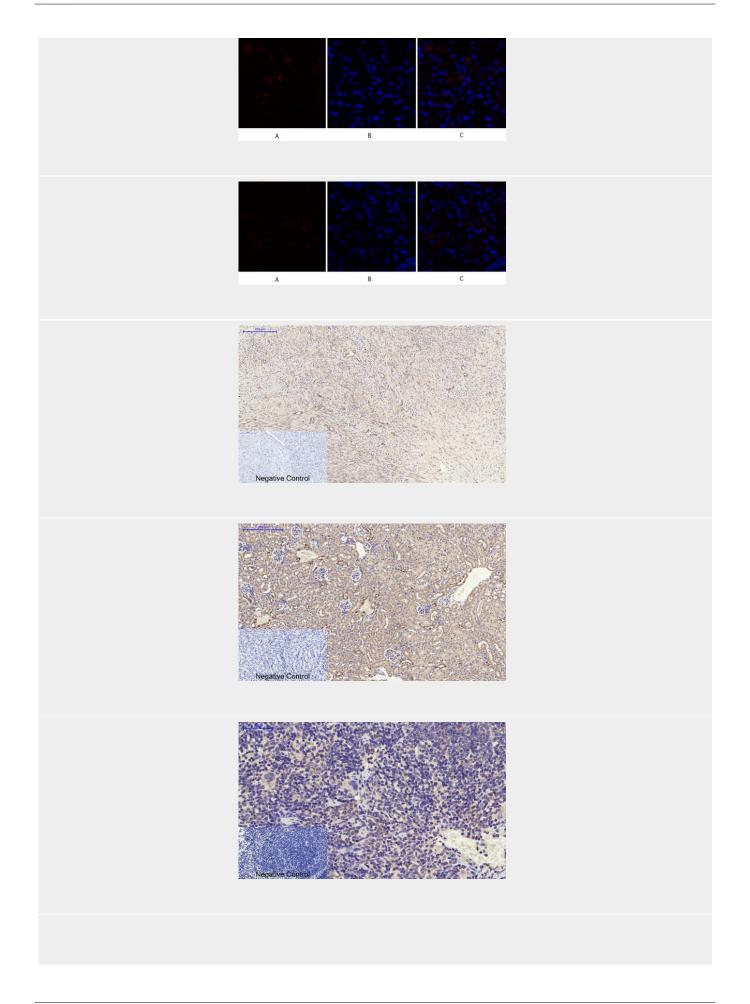
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- <u>Immunofluorescence</u>
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

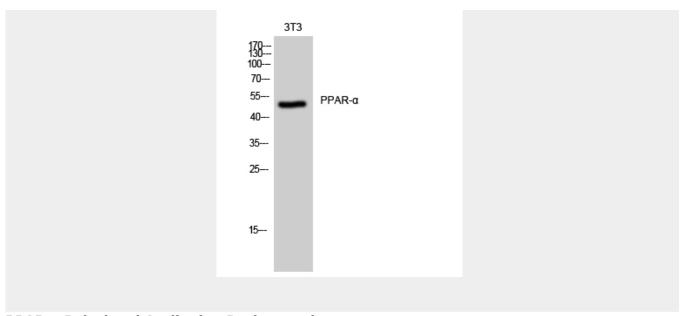
PPAR-α Polyclonal Antibody - Images











PPAR-α Polyclonal Antibody - Background

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