

Rabbit anti-Mouse, Rat PPARA Polyclonal Antibody | anti-PPARA antibody

PPARA Polyclonal Antibody

CATALOG # AAA174509	HOST Rabbit	REACTIVITY Mouse, Rat	APPLICATIONS Immunohistochemistry
-------------------------------	-----------------------	---------------------------------	---

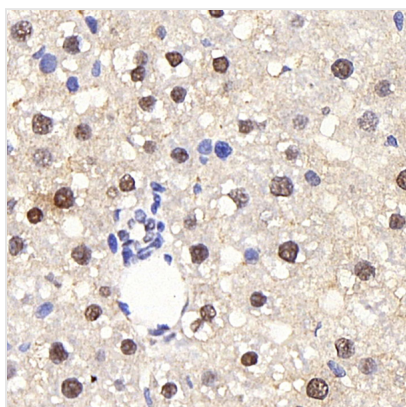
PRODUCT SYNONYMS

PPARA; Polyclonal Antibody; PPARA Polyclonal Antibody; hPPAR; MGC2237; MGC2452; NR1C1; Nuclear receptor subfamily 1 group C member 1; OTTHUMP00000197740; OTTHUMP00000197741; Peroxisome proliferative activated receptor alpha; Peroxisome proliferator activated receptor alpha; Peroxisome proliferator-activated receptor alpha; PPAR; PPAR-alpha; ppara; PPARalpha; anti-PPARA antibody

PRODUCT SPECIFICATIONS

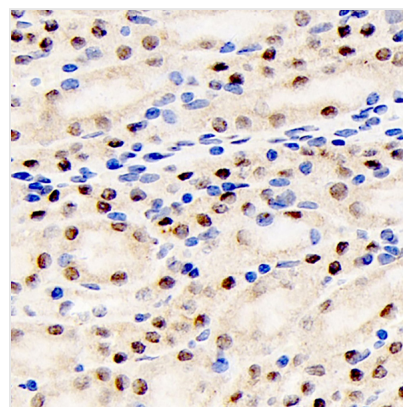
Host	Rabbit
Reactivity	Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 100 mug/ml BSA and 50% glycerol.
Concentration	0.6 mg/mL (varies by lot)
Sequence Length	468
Applicable Applications for anti-PPARA antibody	IHC (Immunohistochemistry)
Immunogen	KLH conjugated synthetic peptide corresponding to Mouse PPARalpha
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



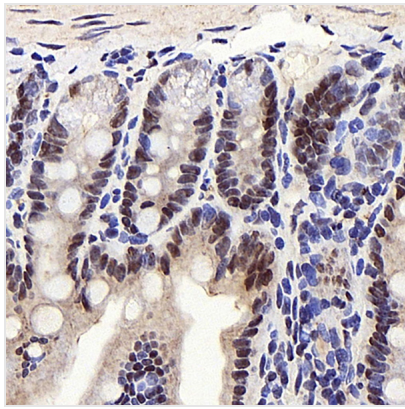
IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded rat liver using PPARA Polyclonal Antibody at dilution of 1:300.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded mouse kidney using PPARA Polyclonal Antibody at dilution of 1:200.



IHC (Immunohistochemistry)
 Immunohistochemistry analysis of paraffin-embedded mouse colon using PPARA Polyclonal
 Antibody at dilution of 1:300.

ADDITIONAL INFORMATION

Related Product Information for anti-PPARA antibody	Peroxisome proliferator-activated receptor alpha (PPARA) is a ligand-activated transcription factor that belongs to the PPAR nuclear receptor superfamily. PPARA is essential in the modulation of lipid transport and metabolism, mainly through activating mitochondrial and peroxisomal fatty acid beta-oxidation pathways. In addition, PPARA seems to decrease inflammation mainly through direct interaction with NF-kappaB, causing inhibition of its signaling pathway or reducing the activated levels of NF-kappaB and subsequent inflammation. Furthermore, PPARA was implicated in the attenuation of oxidative stress in alcoholic liver disease when treated with polyenephosphatidylcholine through downregulation of ROS-generating enzymes such as ethanol-inducible cytochrome P450 2E1 (CYP2E1), acyl-CoA oxidase, and NADPH oxidase.
Product Categories/Family for anti-PPARA antibody	Cancer ; Cardiovascular ; Epigenetics and Nuclear Signaling ; Metabolism ; Signal transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	164663880
NCBI GeneID	19013
NCBI Accession #	NP_001106889.1
NCBI GenBank Nucleotide #	NM_001113418.1
UniProt Accession #	P23204; P37230
Molecular Weight	52,347 Da
NCBI Official Full Name	peroxisome proliferator-activated receptor alpha
NCBI Official Synonym Full Names	peroxisome proliferator activated receptor alpha
NCBI Official Symbol	Ppara
NCBI Official Synonym Symbols	Ppar; Nr1c1; AW742785; PPARalpha; PPAR-alpha; 4933429D07Rik
NCBI Protein Information	peroxisome proliferator-activated receptor alpha
UniProt Protein Name	Peroxisome proliferator-activated receptor alpha
UniProt Gene Name	Ppara
UniProt Synonym Gene Names	Nr1c1; Ppar; PPAR-alpha

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

