

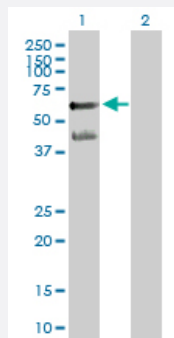
MaxPab®

PPARA purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00005465-B01P

Size 50 ug

Applications

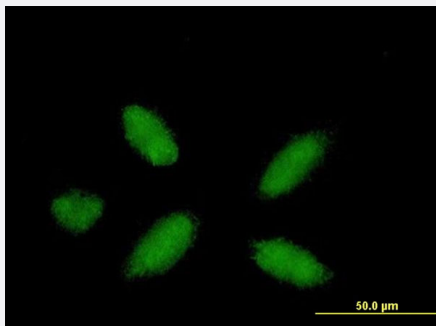


Western Blot (Transfected lysate)

Western Blot analysis of PPARA expression in transfected 293T cell line ([H00005465-T01](#)) by PPARA MaxPab polyclonal antibody.

Lane 1: PPARA transfected lysate(51.48 KDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to PPARA on HepG2 cell. [antibody concentration 20 ug/ml]

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human PPARA protein.

Immunogen

PPARA (NP_001001928.1, 1 a.a. ~ 468 a.a) full-length human protein.

Sequence

MVDTESPLCPLSPLEAGDLESPLSEEFQEMGNIQEISQSIGEDSSGSFGFTEYQYLGSCPGSDG
SVITDTLSPASSPSSVTYPVVPGSVDESPSGALNIECRICGDKASGYHYGVHACEGCKGFFRRTIR
LKLVDKCDRSCQKQKRNKQCQYCRFHKCLSVGMSHNAIRFGRMPRSEKAKLKAELTCEHDIE
DSETADLKSLAKRIEAYLKNFNMNKVKARVILSGKASNPPFVIHDMETLCMAEKTIVAKLVANGI
QNKAEVRIHFCCQCTSVETVTELTEFAKAIPGFANLDLNDQVTLTKYGVYEAIFAMLSVMNKDG
MLVAYGNFITREFLKSRLKPFCDIMEPKFDFAMKFNALELDDSDISLFVAAIICCGDRPGLLNVGH
IEKMQEGIVHVLRLHLQSNHPDDIFLPKLLQKMA DLRLVTEHAQLVQIIKKTESDAALHPLLQEY
RDMY

Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

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[Protocol Download](#)

- Immunofluorescence

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Gene Info — PPARA

Entrez GeneID	5465
GeneBank Accession#	NM_001001928
Protein Accession#	NP_001001928.1
Gene Name	PPARA
Gene Alias	MGC2237, MGC2452, NR1C1, PPAR, hPPAR
Gene Description	peroxisome proliferator-activated receptor alpha
Omim ID	170998
Gene Ontology	Hyperlink

Gene Summary

Peroxisome proliferators include hypolipidemic drugs, herbicides, leukotriene antagonists, and plasticizers; this term arises because they induce an increase in the size and number of peroxisomes. Peroxisomes are subcellular organelles found in plants and animals that contain enzymes for respiration and for cholesterol and lipid metabolism. The action of peroxisome proliferators is thought to be mediated via specific receptors, called PPARs, which belong to the steroid hormone receptor superfamily. PPARs affect the expression of target genes involved in cell proliferation, cell differentiation and in immune and inflammation responses. Three closely related subtypes (alpha, beta/delta, and gamma) have been identified. This gene encodes the subtype PPAR-alpha, which is a nuclear transcription factor. Multiple alternatively spliced transcript variants have been described for this gene, although the full-length nature of only two has been determined. [provided by RefSeq]

Other Designations

OTTHUMP00000028713|OTTHUMP00000042872|peroxisome proliferative activated receptor, alpha|peroxisome proliferator activated receptor alpha

Pathway

- [Adipocytokine signaling pathway](#)
- [PPAR signaling pathway](#)

Disease

- [Adenocarcinoma](#)
- [Alzheimer disease](#)
- [Arterial Occlusive Diseases](#)
- [Arteriosclerosis](#)
- [Atherosclerosis](#)
- [Body Weight](#)
- [Brain Ischemia](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Calcinosis](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)

- [Chorioamnionitis](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Coronary Restenosis](#)
- [Coronary Stenosis](#)
- [Dementia](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Diabetic Angiopathies](#)
- [Disease Progression](#)
- [Drug Toxicity](#)
- [Dyslipidemias](#)
- [Edema](#)
- [Esophageal Neoplasms](#)
- [Esophagitis](#)
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- [Hyperglycemia](#)
- [Hyperlipidemia](#)
- [Hyperlipidemias](#)
- [Hypertension](#)

- [Hypertriglyceridemia](#)
- [Hypertrophy](#)
- [Inflammation](#)
- [Insulin Resistance](#)
- [Kidney Failure](#)
- [Liver Cirrhosis](#)
- [Liver Neoplasms](#)
- [Lung Neoplasms](#)
- [Metabolic Syndrome X](#)
- [Multiple Sclerosis](#)
- [Myocardial Infarction](#)
- [Neoplasms](#)
- [Obesity](#)
- [Obstetric Labor](#)
- [Osteoporosis](#)
- [Peripheral Vascular Diseases](#)
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- [Pre-Eclampsia](#)
- [Premature Birth](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Psoriasis](#)
- [Psychomotor Performance](#)
- [Radiation Injuries](#)
- [Radiation Pneumonitis](#)
- [Syndrome](#)

- [Task Performance and Analysis](#)
- [Thrombosis](#)
- [Tobacco Use Disorder](#)
- [Ventricular Dysfunction](#)