PPARA polyclonal antibody

Catalog # PAB5095 Size 150 ug

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant PPARA.
Immunogen	Recombinant protein corresponding to human PPARA.
Host	Rabbit
Reactivity	Human
Form	Liquid
Quality Control Testing	Antibody Reactive Against Recombinant protein.
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.5 (50% glycerol, 0.01% thimerosal)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains thimerosal: a POISONOUS AND HAZARDOUS SUBSTANCE which should b e handled by trained staff only.

Applications

- Immunoprecipitation
- Western Blot

Gene Info — PPARA

Entrez GeneID	5465
Gene Name	PPARA

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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

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- 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
- Fatty Liver
- Fetal Membranes
- Genetic Predisposition to Disease
- Glomerulonephritis
- Glucose Metabolism Disorders
- Hepatitis C
- Hypercholesterolemia

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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
- Polycystic Ovary Syndrome
- Pre-Eclampsia
- Premature Birth
- Prostate cancer
- Prostatic Neoplasms
- Psoriasis

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- Psychomotor Performance
- Radiation Injuries
- Radiation Pneumonitis
- Syndrome
- Task Performance and Analysis
- Thrombosis
- Tobacco Use Disorder
- Ventricular Dysfunction

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