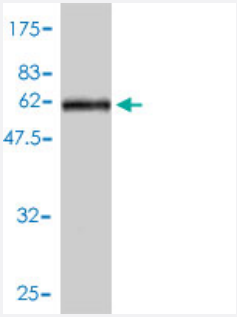
PPARD polyclonal antibody (A01)

Catalog # H00005467-A01 Size 50 uL

Applications



Western Blot detection against Immunogen (65.82 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a full-length recombinant PPARD.
Immunogen	PPARD (AAH02715, 1 a.a. ~ 361 a.a) full-length recombinant protein with GST tag.
Sequence	MEQPQEEAPEVREEEEKEEVAEAEGAPELNGGPQHALPSSSYTDLSRSSSPPSLLDQLQMGC DGASCGSLNMECRVCGDKASGFHYGVHACEGCKGFFRRTIRMKLEYEKCERSCKIQKKNRNKC QYCRFQKCLALGMSHNAIRFGRMPEAEKRKLVAGLTANEGSQYNPQVADLKAFSKHIYNAYLKNF NMTKKKARSILTGKASHTAPFVIHDIETLWQAEKGLVWKQLVNGLPPYKEISVHVFYRCQCTTVET VRELTEFAKSIPSFSSLFLNDQVTLLKYGVHEAIFAMLASIVNKDGLLVANGSGFVTREFLRSLRKP FSDIIEPKFEFAVKFNALELDDSDLALFIAAIILCGGE
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (92); Rat (91)
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (65.82 KDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

  Protocol Download

- ELISA

Gene Info — PPARD

Entrez GeneID	5467
GeneBank Accession#	BC002715
Protein Accession#	AAH02715
Gene Name	PPARD
Gene Alias	FAAR, MGC3931, NR1C2, NUC1, NUCI, NUCII, PPAR-beta, PPARB
Gene Description	peroxisome proliferator-activated receptor delta
Omim ID	600409
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the peroxisome proliferator-activated receptor (PPAR) family. PPARs are nuclear hormone receptors that bind peroxisome proliferators and control the size and number of peroxisomes produced by cells. PPARs mediate a variety of biological processes, and may be involved in the development of several chronic diseases, including diabetes, obesity, atherosclerosis, and cancer. This protein is a potent inhibitor of ligand-induced transcription activity of PPAR alpha and PPAR gamma. It may function as an integrator of transcription repression and nuclear receptor signaling. The expression of this gene is found to be elevated in colorectal cancer cells. The elevated expression can be repressed by adenomatosis polyposis coli (APC), a tumor suppressor protein related to APC/beta-catenin signaling pathway. Knockout studies in mice suggested the role of this protein in myelination of the corpus callosum, lipid metabolism, and epidermal cell proliferation. [provided by RefSeq
Other Designations	OTTHUMP00000016256|nuclear hormone receptor 1|peroxisome proliferative activated receptor, delta

Pathway

- Acute myeloid leukemia
- Pathways in cancer

- PPAR signaling pathway
- Wnt signaling pathway

Disease

- Adenocarcinoma
- Adenoma
- Alzheimer disease
- Atherosclerosis
- Biliary Tract Neoplasms
- Bipolar Disorder
- Body Weight
- Calcinosis
- Carcinoma
- Cardiovascular Diseases
- Colon cancer
- Colonic Neoplasms
- Colorectal Neoplasms
- Coronary Artery Disease
- Coronary Disease
- Diabetes Complications
- Diabetes Mellitus
- Disease Progression
- Dyslipidemias
- Edema
- Esophageal Neoplasms
- Esophagitis

- Fatty Liver
- Genetic Predisposition to Disease
- Glucose Intolerance
- Growth Disorders
- Hypercholesterolemia
- Hyperlipidemia
- Hyperlipidemias
- Hypertrophy
- Inflammation
- Insulin Resistance
- Kidney Failure
- Lung Neoplasms
- Metabolic Syndrome X
- Neoplasms
- Obesity
- Osteoporosis
- Ovarian cancer
- Ovarian Neoplasms
- Polycystic Ovary Syndrome
- Psychomotor Performance
- Radiation Injuries
- Radiation Pneumonitis
- Schizophrenia
- Task Performance and Analysis
- Tobacco Use Disorder