

PPARD Antibody

Catalog No: #32953

Package Size: #32953-1 50ul #32953-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

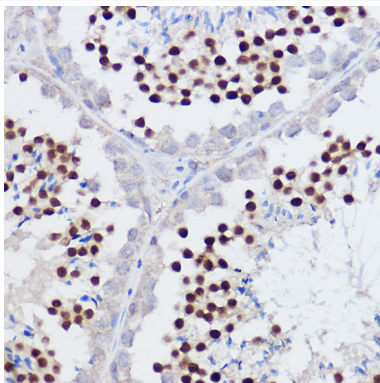
Description

Product Name	PPARD Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of total PPARD protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant fusion protein of human PPARD (NP_803184.1).
Target Name	PPARD
Other Names	PPARD;FAAR;NR1C2;NUC1;NUC1;NUCII;PPARB
Accession No.	Uniprot:Q03181GeneID:5467
Uniprot	Q03181
GeneID	5467
SDS-PAGE MW	54KDa
Concentration	1.0mg/ml
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

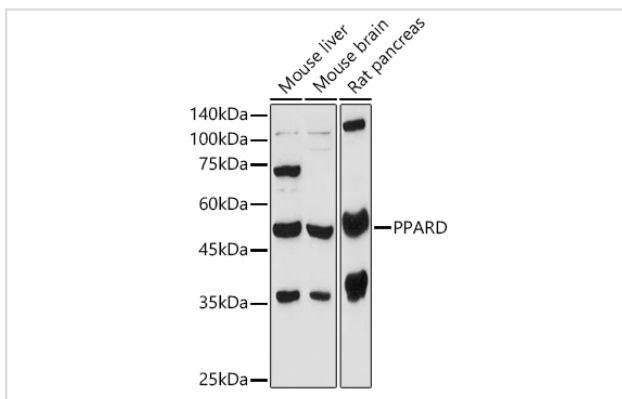
Application Details

WB □ 1:500 - 1:2000 IHC □ 1:50 - 1:200

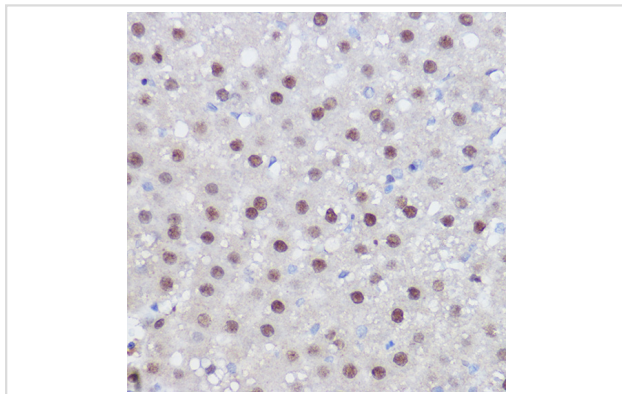
Images



Immunohistochemistry of paraffin-embedded mouse testis using PPARD Rabbit pAb.



Western blot analysis of extracts of various cell lines, using PPARD antibody.



Immunohistochemistry of paraffin-embedded rat liver using PPARD Rabbit pAb.

Background

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. Alternate splicing results in multiple transcript variants.

Note: This product is for in vitro research use only