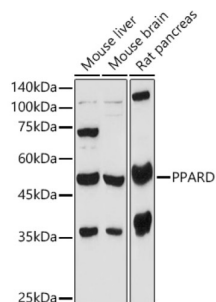
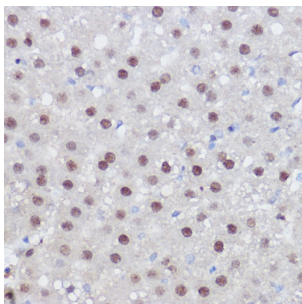


Peroxisome Proliferator Activated Receptor Delta (PPARD) Antibody

Catalogue No.: abx004326



Western blot analysis of extracts of various cell lines using PPARD Antibody (1/1000 dilution).



Immunohistochemistry of paraffin-embedded rat liver using PPARD Antibody (1/100 dilution, 40x lens). High pressure antigen retrieval was performed in 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.

PPARD Antibody is a Rabbit Polyclonal antibody against PPARD. 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.

Target: Peroxisome Proliferator Activated Receptor Delta (PPARD)

Clonality: Polyclonal

Reactivity: Human, Mouse, Rat

Tested Applications: WB, IHC

Host: Rabbit

Recommended dilutions: WB: 1/500 - 1/2000, IHC-P: 1/50 - 1/200. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: Recombinant fusion protein corresponding to human PPARD

Datasheet

Version: 3.0.0
Revision date: 04 Oct 2025



Isotype:	IgG
Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	Q03181 (UniProt , ExPASy)
Gene Symbol:	PPARD
GeneID:	5467
NCBI Accession:	NP_803184.1
KEGG:	hsa:5467
String:	9606.ENSP00000310928
Molecular Weight:	Calculated MW: 38 kDa/40 kDa/45 kDa/49 kDa Observed MW: 54 kDa
Buffer:	PBS, pH 7.3, containing 0.01% thiomersal, 50% glycerol.
Concentration:	1 mg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.