

Rabbit anti-Human PPARD Polyclonal Antibody | anti-PPARD antibody

PPARD Antibody (C-term)

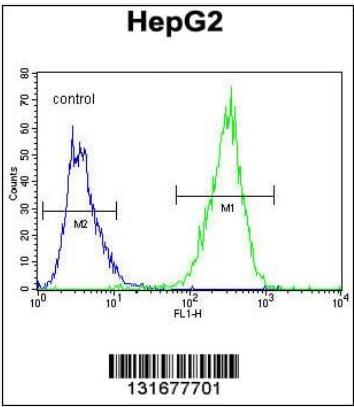
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287864	Rabbit	Human	Western Blot, ELISA, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

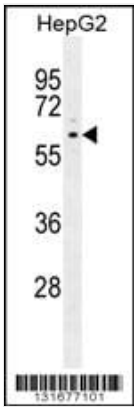
PPARD; Polyclonal Antibody; PPARD Antibody (C-term); Peroxisome proliferator-activated receptor delta; PPAR-delta; NUC1; Nuclear hormone receptor 1; NUC1; Nuclear receptor subfamily 1 group C member 2; Peroxisome proliferator-activated receptor beta; PPAR-beta; NR1C2; PPARB; anti-PPARD antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PPARD antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 367-394 amino acids from the C-terminal region of human PPARD.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.43 (varies by lot)
Sequence Positions	367-394
Sequence Length	343
Applicable Applications for anti-PPARD antibody	WB (Western Blot), ELISA, FCM/FACS (Flow Cytometry)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
PPARD Antibody (C-term) flow cytometric analysis of HepG2 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
PPARD Antibody (C-term) western blot analysis in HepG2 cell line lysates (35ug/lane).This demonstrates the PPARD antibody detected the PPARD protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-PPARD antibody	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.
Product Categories/Family for anti-PPARD antibody	Cardiovascular; Metabolism
References	Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010) Christopoulos, P., et al. Ann. N. Y. Acad. Sci. 1205, 185-191 (2010) : Dunn, S.E., et al. J. Exp. Med. 207(8):1599-1608(2010) Eynon, N., et al. Mitochondrion (2010) In press : Jguirim-Souissi, I., et al. Genet. Mol. Res. 9(3):1326-1333(2010)

NCBI AND UNIPROT INFORMATION

NCBI GI #	284807155
NCBI GeneID	5467
NCBI Accession #	NP_001165289.1; NP_001165290.1; NP_001165291.1; NP_006229.1; NP_803184.1
NCBI GenBank Nucleotide #	NM_001171818.1
UniProt Accession #	Q03181; Q5D1P0; Q7Z5K0; Q9BUD4; A8K6J6; B4E3V3; B6ZGS1; B7Z3W1; E9PE18
Molecular Weight	49903

NCBI Official Full Name	peroxisome proliferator-activated receptor delta isoform 1
NCBI Official Synonym Full Names	peroxisome proliferator-activated receptor delta
NCBI Official Symbol	PPARD
NCBI Official Synonym Symbols	FAAR; NUC1; NUCI; NR1C2; NUCII; PPARB
NCBI Protein Information	peroxisome proliferator-activated receptor delta
UniProt Protein Name	Peroxisome proliferator-activated receptor delta
UniProt Gene Name	PPARD
UniProt Synonym Gene Names	NR1C2; PPARB; PPAR-delta; NUC1; PPAR-beta
UniProt Entry Name	PPARD_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ppard-antibody-western-blot-flow-cytometry-elisa/287864>