Rabbit PPARD Polyclonal Antibody | anti-PPARD antibody

PPARD Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA166362	**Rabbit**	**Human, Mouse, Rat**	**Immunofluorescence, Immunohistochemistry, Western Blot**

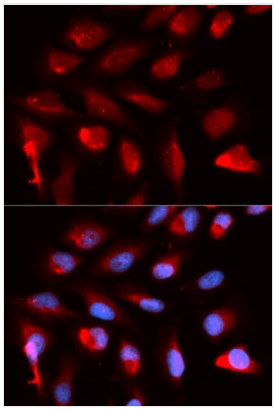
PRODUCT SYNONYMS

PPARD; Polyclonal Antibody; PPARD Antibody; FAAR; NUC1; NUCI; NR1C2; NUCII; PPARB; anti-PPARD antibody

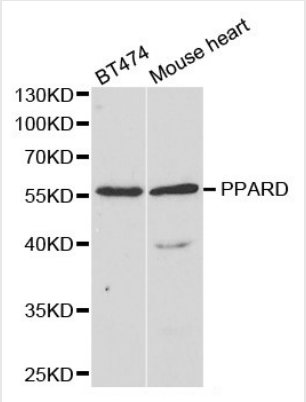
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	1mg/mL (varies by lot)
Sequence Length	343
Applicable Applications for anti-PPARD antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human PPARD
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-1986 / sc-1987 / sc-1983 / sc-7197
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



IF (Immunofluorescence)
Immunofluorescence analysis of U20S cell using PPARD antibody. Blue: DAPI for nuclear staining.



WB (Western Blot)
Western blot analysis of extracts of various cell lines, using PPARD antibody.

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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	284807159
NCBI GeneID	5467
NCBI Accession #	NP_001165291.1
NCBI GenBank Nucleotide #	NM_001171820.1
Molecular Weight	38,855 Da
NCBI Official Full Name	peroxisome proliferator-activated receptor delta isoform 4
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; PPAR-beta; PPAR-delta; nuclear hormone receptor 1; nuclear receptor subfamily 1 group C member 2; peroxisome proliferator-activated nuclear receptor beta/delta variant 2; peroxisome proliferator-activated receptor beta
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-immunofluorescence-immunohistochemistry-western-blot-elisa/166362