

Product datasheet for **TA332042**

PPAR delta (PPARD) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for Anti-PPARD Antibody: synthetic peptide directed towards the middle region of human PPARD. Synthetic peptide located within the following region: NPQVADLKAFSKHIYNAYLKNFNMTKKKARSILTGKASHTAPFVIHDIET
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	49 kDa
Gene Name:	peroxisome proliferator activated receptor delta
Database Link:	NP_006229 Entrez Gene 5467 Human Q03181



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Background:

PPARD is 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 delta 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 adenomatous 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.

Synonyms:

FAAR; NR1C2; NUC1; NUCI; NUCII; PPARB

Note:

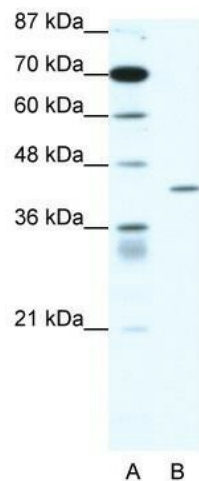
Immunogen sequence homology: Rat: 100%; Human: 100%; Dog: 93%; Pig: 93%; Bovine: 93%; Rabbit: 93%; Guinea pig: 93%; Horse: 92%; Mouse: 92%; Zebrafish: 92%

Protein Families:

Druggable Genome, Nuclear Hormone Receptor, Transcription Factors

Protein Pathways:

Acute myeloid leukemia, Pathways in cancer, PPAR signaling pathway, Wnt signaling pathway

Product images:

WB Suggested Anti-PPARD Antibody Titration:
1.25ug/ml; ELISA Titer: 1: 1562500; Positive
Control: Jurkat cell lysate