

## Anti-PPARD Antibody (C-term)

Catalog Number: A01557

### About 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.

### Overview

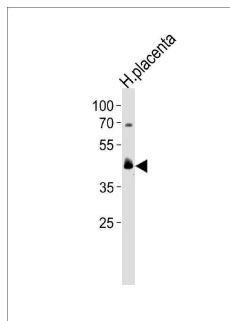
Product Name	Anti-PPARD Antibody (C-term)
Reactive Species	Human
Description	Boster Bio Anti-PPARD Antibody (C-term) (Catalog # A01557). Tested in WB application(s). This antibody reacts with Human.
Application	WB
Clonality	Polyclonal
Formulation	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Storage Instructions	Maintain refrigerated at 2-8°C for up to 2 weeks. For long-term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q03181

### Technical Details

Immunogen	This PPARD antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 364-393 amino acids from the C-terminal region of human PPARD.
Predicted Reactive Species	Mouse, Rat
Isotype	Rabbit IgG
Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.
Suggested Dilutions	WB: 1:1000



## Anti-PPARD Antibody (C-term) (A01557) Images



PPARD Antibody (C-term) western blot analysis in human placenta tissue lysates (35ug/lane). This demonstrates the PPARD antibody detected the PPARD protein (arrow).

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