

Peroxisome Proliferator Activated Receptor Delta (PPARD) Antibody

Catalogue No.: abx037964

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

Reactivity: Human

Host: Rabbit

Clonality: Polyclonal

Tested Applications: ELISA, WB

Recommended dilutions: Optimal dilutions/concentrations should be determined by the end user.

Immunogen: Recombinant fragment corresponding to 19-90aa of human PPARD.

Purification: Protein A purified.

Form: Lyophilized

Reconstitution: Reconstitute in 200 µl of double-distilled H₂O. For extended storage, we recommend adding an equal volume of glycerol to make a final glycerol concentration of 50%.

Isotype: IgG

Conjugation: Unconjugated

Storage: Store at -20 °C. Avoid repeating freeze/thaw cycles.

Swiss Prot: [BC002715](#)

Buffer: Prior to lyophilization: 1% BSA and 0.02% NaN₃.

Note: This product is for research use only.