

Anti-PPARD antibody

Cat. No.	ml161088
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-PPARD rabbit polyclonal antibody
Applications	ELISA, WB, IHC
Immunogen	Synthetic peptide of human PPARD
Reactivity	Human, Mouse
Content	1.68 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	PPARD
Full name	peroxisome proliferator activated receptor delta
Synonyms	FAAR; NUC1; NUCI; NR1C2; NUCII; PPARB
Swissprot	Q03181

Target Background

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.

订购热线: 4008-898-798

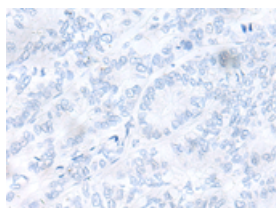
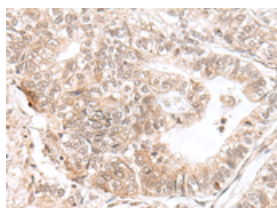
Applications

Immunohistochemistry

Predicted cell location: Nucleus

Positive control: Human gastric cancer

Recommended dilution: 50-300

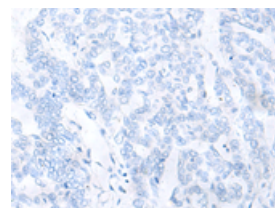
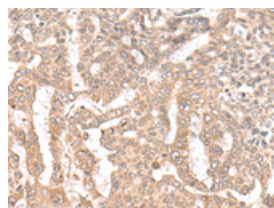


The image on the left is immunohistochemistry of paraffin-embedded Human gastric cancer tissue using ml161088(PPARD Antibody) at dilution 1/55, on the right is treated with synthetic peptide. (Original magnification: $\times 200$)

Predicted cell location: Nucleus

Positive control: Human liver cancer

Recommended dilution: 50-300



The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using ml161088(PPARD Antibody) at dilution 1/55, on the right is treated with synthetic peptide. (Original magnification: $\times 200$)

Western blotting

Predicted band size: 50 kDa

Positive control: HEPG2 cell lysate

Recommended dilution: 200-1000

Gel: 8%SDS-PAGE

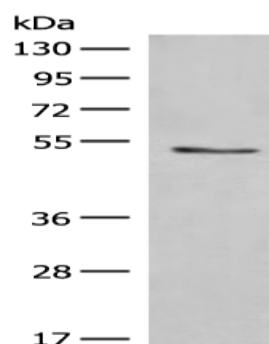
Lysate: 40 μ g

Lane: HEPG2 cell lysate

Primary antibody: ml161088(PPARD Antibody) at dilution 1/200

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 40seconds



ELISA

Recommended dilution: 5000-10000

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