

## PPARD RABBIT PAB

**Cat.#:** S213940

**Product Name:** Anti-PPARD Rabbit Polyclonal Antibody

**Synonyms:** FAAR; NUCI; NUCI; NR1C2; NUCII; PPARB

**UNIPROT ID:** Q03181 (Gene Accession - NP\_803184 )

**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 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. Alternate splicing results in multiple transcript variants.

**Immunogen:** Synthetic peptide of human PPARD

**Applications:** ELISA, WB, IHC

**Recommended Dilutions:** IHC: 50-300;WB: 200-1000;ELISA: 5000-10000

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG

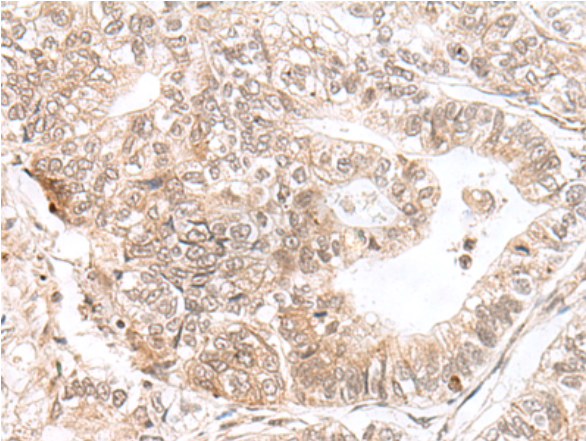
**Purification:** Antigen affinity purification

**Species Reactivity:** Human, Mouse

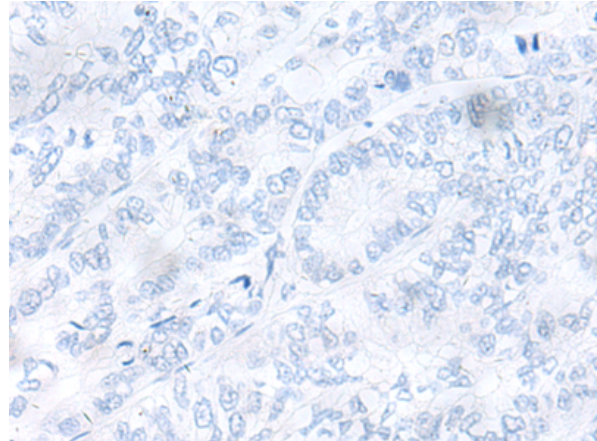
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Epigenetics and Nuclear Signaling, Metabolism, Cardiovascular

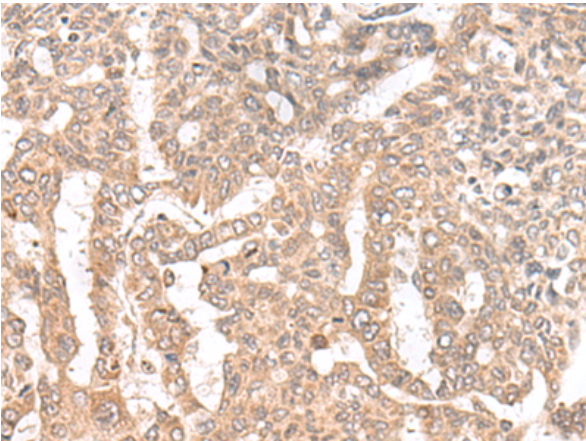
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



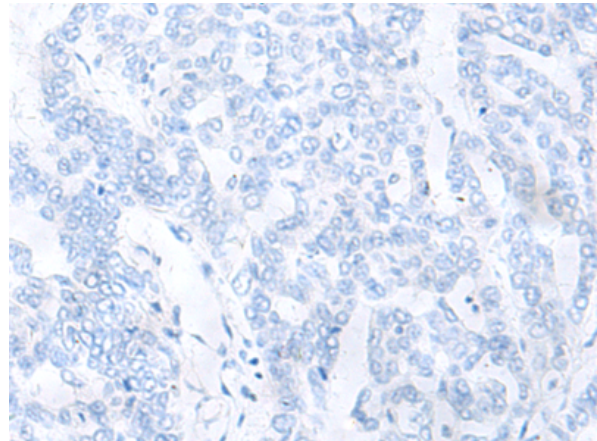
Immunohistochemistry analysis of paraffin embedded Human gastric cancer tissue using 213940(PPARD Antibody) at a dilution of 1/55(Nucleus).



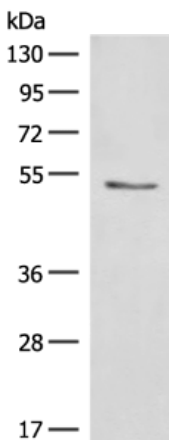
In comparison with the IHC on the left, the same paraffin-embedded Human gastric cancer tissue is first treated with the synthetic peptide and then with 213940(Anti-PPARD Antibody) at dilution 1/55.



The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using 213940(Anti-PPARD Antibody) at a dilution of 1/55.



In comparison with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is first treated with synthetic peptide and then with D161088(Anti-PPARD Antibody) at dilution 1/55.



Gel: 8%SDS-PAGE, Lysate: 40 µg;  
Lane: HEPG2 cell lysate;  
Primary antibody: 213940(PPARD Antibody) at dilution 1/200;  
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution;  
Exposure time: 40 seconds



# Product Description

Pioneering GTPase and Oncogene Product Development since 2010

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