

Product datasheet for **TA322524**

PPAR delta (PPARD) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 200-1000 WB positive control: HEPG2 cell lysate IHC: 50-300 Positive control: Human gastric cancer Predicted cell location: Nucleus
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide corresponding to a region derived from 1-14 amino acids of human peroxisome proliferator-activated receptor delta
Formulation:	PBS pH7.3, 0.05% NaN ₃ , 50% glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	50 kDa
Gene Name:	peroxisome proliferator activated receptor delta
Database Link:	NP_006229 Entrez Gene 19015 Mouse Entrez Gene 5467 Human Q03181



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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.

Synonyms:

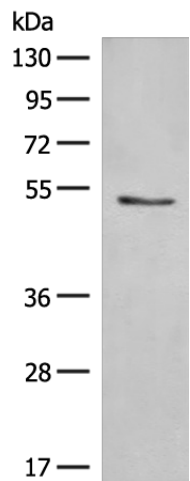
FAAR; NR1C2; NUC1; NUCI; NUCII; PPARB

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:

Gel: 8%SDS-PAGE

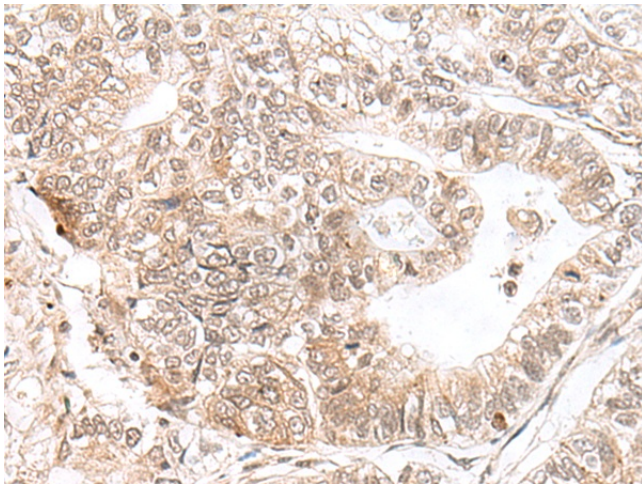
Lysate: 40 µg

Lane: HEPG2 cell lysate

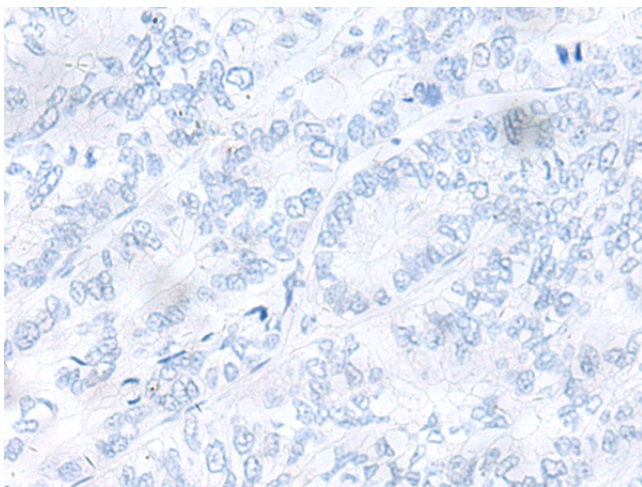
Primary antibody: TA322524 (PPARD Antibody) at dilution 1/200

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

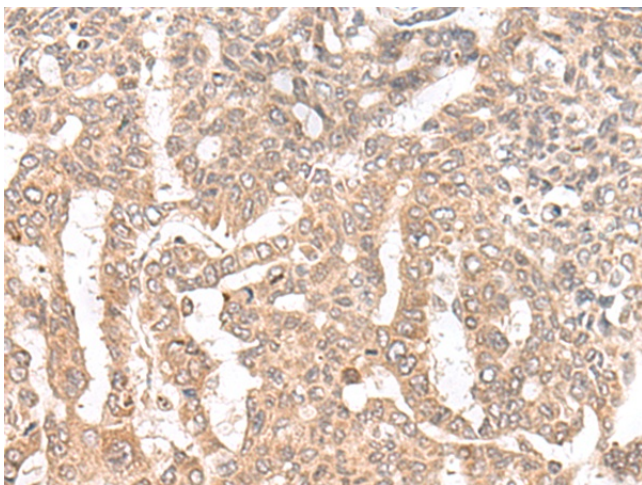
Exposure time: 40 seconds



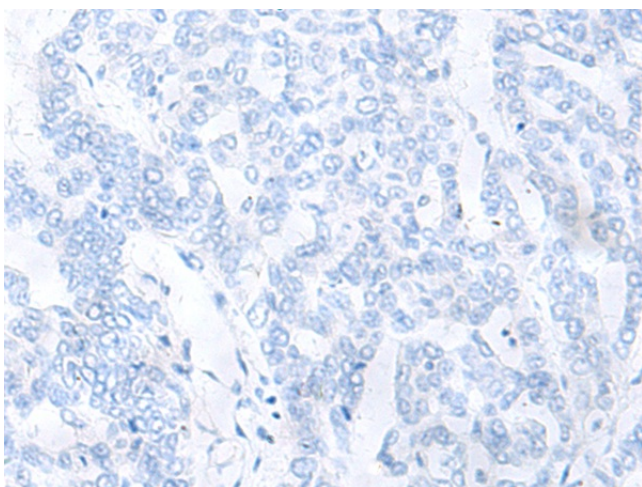
Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using TA322524 (PPARD Antibody) at dilution 1/55 (Original magnification: x200)



Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using TA322524 (PPARD Antibody) at dilution 1/55, treated with synthetic peptide. (Original magnification: x200)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA322524 (PPARD Antibody) at dilution 1/55 (Original magnification: x200)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA322524 (PPARD Antibody) at dilution 1/55, treated with synthetic peptide. (Original magnification: ×200)