

PPARD antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI11457

Specification

PPARD antibody - N-terminal region - Product Information

Application	IHC, WB
Primary Accession	O03181
Other Accession	NM_001039694 , NP_001034783
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Horse, Yeast, Bovine, Dog
Predicted Host	Mouse, Rat, Pig, Chicken, Bovine, Dog
Clonality	Rabbit
Calculated MW	Polyclonal 49kDa KDa

PPARD antibody - N-terminal region - Additional Information

Gene ID 5467

Alias Symbol **FAAR, MGC3931, NR1C2, NUC1, NUCI, NUCII, PPAR-beta, PPARB**

Other Names

Peroxisome proliferator-activated receptor delta, PPAR-delta, NUCI, Nuclear hormone receptor 1, NUC1, Nuclear receptor subfamily 1 group C member 2, Peroxisome proliferator-activated receptor beta, PPAR-beta, PPARD, NR1C2, PPARB

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-PPARD antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

PPARD antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

PPARD antibody - N-terminal region - Protein Information

Name PPARD ([HGNC:9235](#))

Synonyms NR1C2, PPARB

Function

Ligand-activated transcription factor key mediator of energy metabolism in adipose tissues (PubMed:35675826). Receptor that binds peroxisome proliferators such as hypolipidemic drugs and fatty acids. Has a

preference for poly-unsaturated fatty acids, such as gamma- linoleic acid and eicosapentanoic acid. Once activated by a ligand, the receptor binds to promoter elements of target genes. Regulates the peroxisomal beta-oxidation pathway of fatty acids. Functions as transcription activator for the acyl-CoA oxidase gene. Decreases expression of NPC1L1 once activated by a ligand.

Cellular Location

Nucleus.

Tissue Location

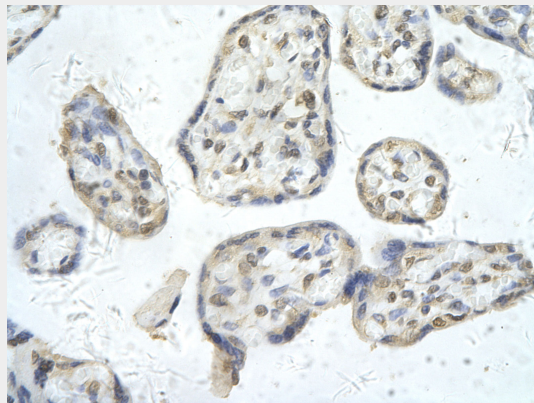
Ubiquitous with maximal levels in placenta and skeletal muscle

PPARD antibody - N-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

PPARD antibody - N-terminal region - Images



Rabbit Anti-PPARD antibody
Catalog Number: AI11457
Paraffin Embedded Tissue: Human Placenta cell
Cellular Data: Epithelial cells of renal tubule
Antibody Concentration: 4.0-8.0 µg/ml
Magnification: 400X



WB Suggested Anti-PPARD Antibody Titration: 0.2-1 $\mu\text{g/ml}$

ELISA Titer: 1:12500

Positive Control: 721_B cell lysate

PPARD is strongly supported by BioGPS gene expression data to be expressed in Human 721_B cells