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

Specification

PPARD antibody - N-terminal region - Product Information

Application	**WB, IHC**
Primary Accession	Q03181
Other Accession	NM_001039694, NP_001034783
Reactivity	**Human, Mouse, Rat, Rabbit, Pig, Horse, Yeast, Bovine, Dog**
Predicted	**Mouse, Rat, Pig, Chicken, Bovine, Dog**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**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.

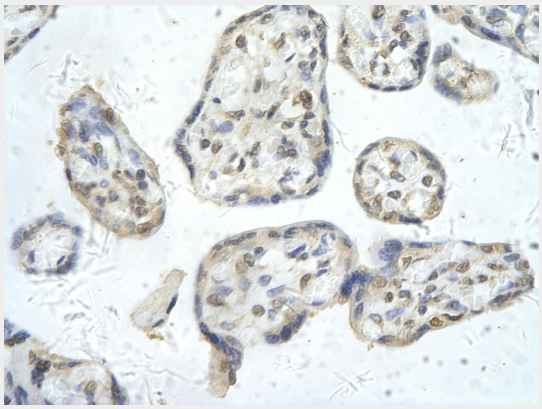
Tissue Location
Ubiquitous with maximal levels in placenta and skeletal muscle

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 Cytomety
- 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

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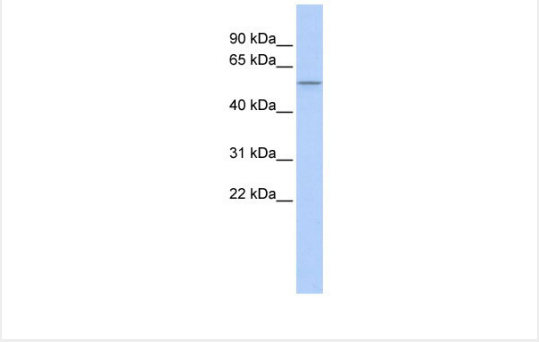

WB Suggested Anti-PPARD Antibody Titration: 0.2-1 µg/ml
ELISA Titer: 1:12500
Positive Control: 721_B cell lysate
PPARD is strongly supported by BioGPS gene expression data to be expressed in Human 721_B cells