

PPARD / PPAR Delta Antibody (Internal)
Rabbit Polyclonal Antibody
Catalog # ALS11225**Specification**

PPARD / PPAR Delta Antibody (Internal) - Product Information

Application	IHC
Primary Accession	Q03181
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	50kDa KDa

PPARD / PPAR Delta Antibody (Internal) - Additional Information**Gene ID** 5467**Other Names**

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

Target/Specificity

PPAR delta

Reconstitution & Storage

+4°C or -20°C, Avoid repeated freezing and thawing.

Precautions

PPARD / PPAR Delta Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

PPARD / PPAR Delta Antibody (Internal) - 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.

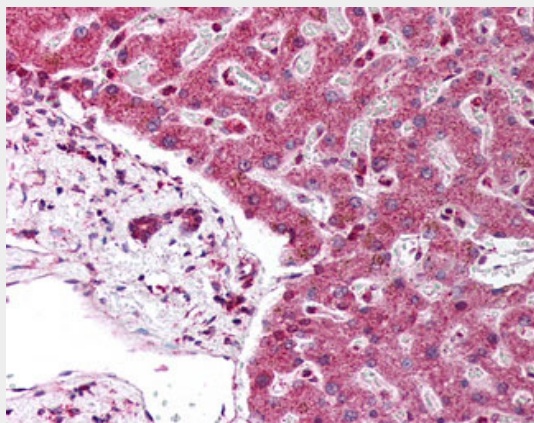
Tissue Location

Ubiquitous with maximal levels in placenta and skeletal muscle

PPARD / PPAR Delta Antibody (Internal) - 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 / PPAR Delta Antibody (Internal) - Images

Anti-PPAR Delta antibody IHC of human liver.

PPARD / PPAR Delta Antibody (Internal) - Background

Ligand-activated transcription factor. 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.

PPARD / PPAR Delta Antibody (Internal) - References

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Skogsberg J.,et al.Int. J. Mol. Med. 6:73-81(2000).
Kobayashi T.,et al.FEBS Lett. 582:2737-2744(2008).
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Ota T.,et al.Nat. Genet. 36:40-45(2004).