

PPARD / PPAR Delta Antibody (C-Terminus)
Goat Polyclonal Antibody
Catalog # ALS13078

Specification

PPARD / PPAR Delta Antibody (C-Terminus) - Product Information

Application	IHC, WB
Primary Accession	Q03181
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Hamster, Monkey, Pig, Chicken, Horse, Bovine, Dog
Host	Goat
Clonality	Polyclonal
Calculated MW	50kDa KDa

PPARD / PPAR Delta Antibody (C-Terminus) - 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

Human PPARD. This antibody is expected to recognise isoform 1 (NP_006229) of PPAR delta, but not isoform 2, a shorter protein (NP_803184) with a different C-terminus.

Reconstitution & Storage

Store at -20°C. Minimize freezing and thawing.

Precautions

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

PPARD / PPAR Delta Antibody (C-Terminus) - 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

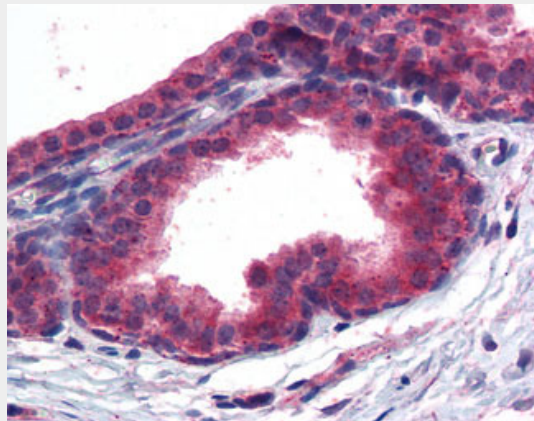
Ubiquitous with maximal levels in placenta and skeletal muscle

PPARD / PPAR Delta Antibody (C-Terminus) - 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 (C-Terminus) - Images



Anti-PPAR Delta antibody IHC of human prostate.



Staining (0.3 ug/ml) of Jurkat lysate (35 ug protein in RIPA buffer).

PPARD / PPAR Delta Antibody (C-Terminus) - 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 (C-Terminus) - References

Schmidt A., et al. Mol. Endocrinol. 6:1634-1641(1992).
Skogsberg J., et al. Int. J. Mol. Med. 6:73-81(2000).
Kobayashi T., et al. FEBS Lett. 582:2737-2744(2008).
Cho M.-C., et al. Submitted (FEB-2005) to the EMBL/GenBank/DDBJ databases.
Ota T., et al. Nat. Genet. 36:40-45(2004).