

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

**Specification**

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

Application	IHC, WB
Primary Accession	<a href="#">Q03181</a>
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:<a href="http://www.uniprot.org/citations/35675826" target="\_blank">35675826</a>). 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**

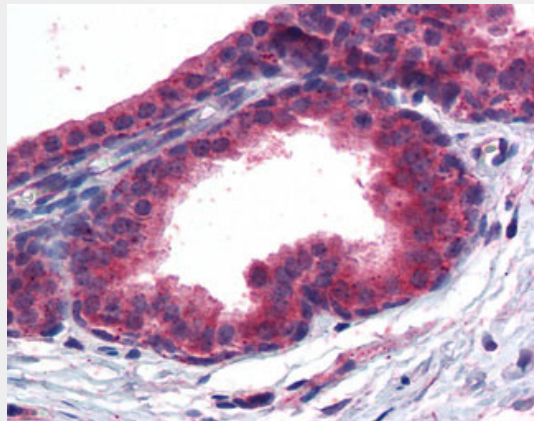
Ubiquitous with maximal levels in placenta and skeletal muscle

**PPARD / PPAR Delta Antibody (C-Terminus) - Protocols**

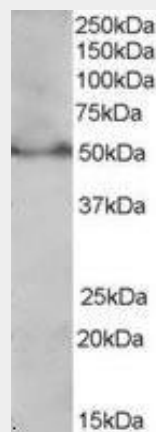
Provided below are standard protocols that you may find useful for product applications.

- [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).