

**PPAR delta + beta Rabbit pAb**  
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**Catalog # AP93942****Specification****PPAR delta + beta Rabbit pAb - Product Information**

Application	WB, IHC-P, IHC-F, IF
Primary Accession	<a href="#">P35396</a>
Reactivity	Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	48 KDa
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from mouse PPAR delta + beta
Epitope Specificity	1-100/440
Isotype	IgG
<b>Purity</b>	
affinity purified by Protein A	
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Nucleus.
SIMILARITY	Belongs to the nuclear hormone receptor family. NR1 subfamily. Contains 1 nuclear receptor DNA-binding domain.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

**Background Descriptions**

Receptor that binds peroxisome proliferators such as hypolipidemic drugs and fatty acids. Once activated by a ligand, the receptor binds to a promoter element in the gene for acyl-CoA oxidase and activates its transcription. It therefore controls the peroxisomal beta-oxidation pathway of fatty acids. Heterodimer with the retinoid X receptor. Subcellular located at nuclear Tissue specificity: Heart, adrenal and intestine. Belongs to the nuclear hormone receptor family. NR1 subfamily. It Contains 1 nuclear receptor DNA-binding domain.

**PPAR delta + beta Rabbit pAb - Additional Information****Gene ID** 19015**Other Names**

Peroxisome proliferator-activated receptor delta, PPAR-delta, 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**

Ubiquitous with maximal levels in placenta and skeletal muscle.

**Dilution**

<span class = "dilution\_WB">WB~~1:1000</span><br \><span class = "dilution\_IHC-P">IHC-P~~N/A</span><br \><span class = "dilution\_IHC-F">IHC-F~~N/A</span><br \><span class = "dilution\_IF">IF~~1:50~200</span>

**Format**

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

**Storage**

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

**PPAR delta + beta Rabbit pAb - Protein Information**

**Name** Ppard

**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 (By similarity).

**Cellular Location**

Nucleus.

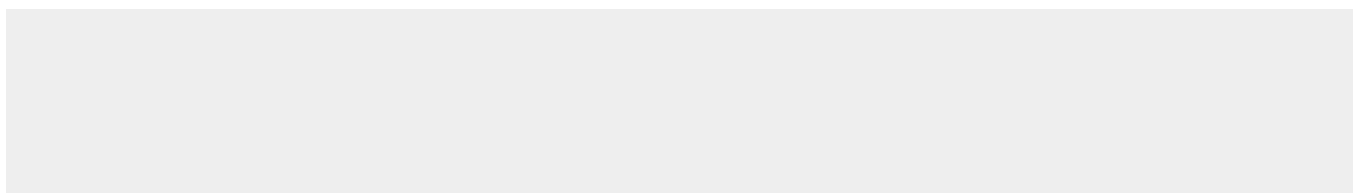
**Tissue Location**

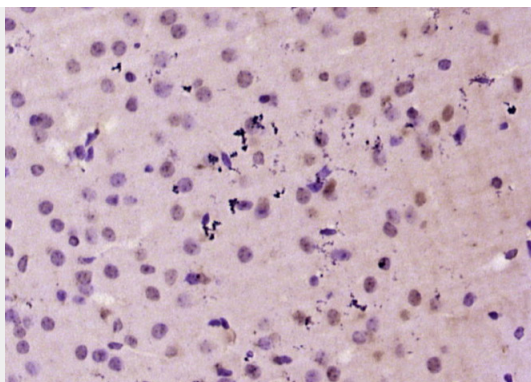
Heart, adrenal and intestine.

**PPAR delta + beta Rabbit pAb - Protocols**

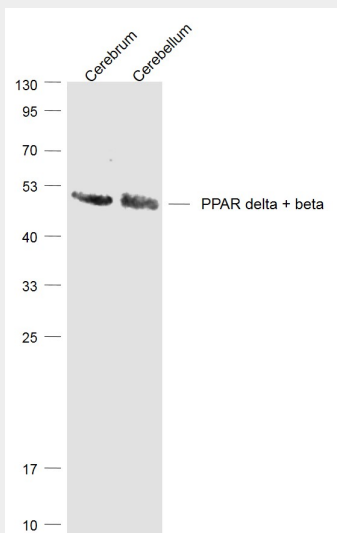
Provided below are standard protocols that you may find useful for product applications.

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

**PPAR delta + beta Rabbit pAb - Images**



Paraformaldehyde-fixed, paraffin embedded (mouse brain tissue); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (PPAR delta + beta) Polyclonal Antibody, Unconjugated (AP93942) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Sample: Cerebrum (Mouse) Lysate at 40 ug Cerebellum (Mouse) Lysate at 40 ug Primary: Anti-PPAR delta + beta (AP93942) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 48 kD Observed band size: 48 kD

#### **PPAR delta + beta Rabbit pAb - Background**

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