




## Product datasheet

### Anti-PPAR delta antibody ab8937

★★★★★ [3 Abreviews](#) [16 References](#) [2 Images](#)

#### Overview

<b>Product name</b>	Anti-PPAR delta antibody
<b>Description</b>	Rabbit polyclonal to PPAR delta
<b>Host species</b>	Rabbit
<b>Specificity</b>	This affinity purified antibody is directed against mouse PPAR delta protein.
<b>Tested applications</b>	<b>Suitable for:</b> ICC/IF, WB
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse, Human <b>Predicted to work with:</b> Rat 
<b>Immunogen</b>	Synthetic peptide: MEQPQEETPEAREE , corresponding to N terminal amino acids 1-14 of Mouse PPAR delta .  <a href="#">Run BLAST with</a>  <a href="#">Run BLAST with</a>
<b>Positive control</b>	3T3 cell lysate HepG2
<b>General notes</b>	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

#### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	Preservative: 0.01% Sodium azide Constituents: 0.42% Potassium phosphate, 0.87% Sodium chloride
<b>Purity</b>	Immunogen affinity purified
<b>Purification notes</b>	The product was affinity purified from monospecific antiserum by immunoaffinity chromatography.
<b>Clonality</b>	Polyclonal

Isotype

IgG

## Applications

### The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab8937 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
ICC/IF		Use a concentration of 1 µg/ml.
WB	★★★★★ (3)	1/1000 - 1/4000. Detects a band of approximately 54 kDa (predicted molecular weight: 50 kDa).

## Target

### Function

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.

### Tissue specificity

Ubiquitous with maximal levels in placenta and skeletal muscle.

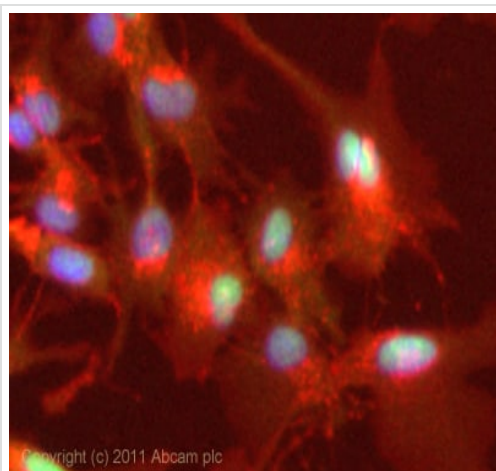
### Sequence similarities

Belongs to the nuclear hormone receptor family. NR1 subfamily.  
Contains 1 nuclear receptor DNA-binding domain.

### Cellular localization

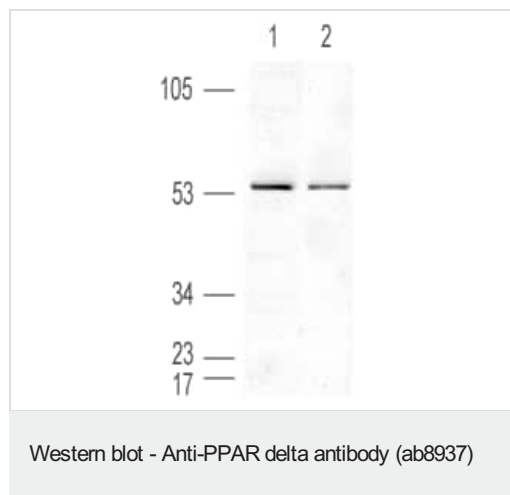
Nucleus.

## Images



Immunocytochemistry/ Immunofluorescence - Anti-PPAR delta antibody (ab8937)

ICC/IF image of ab8937 stained HepG2 cells (**ab7900**). The cells were 100% methanol fixed (5 min) and then incubated in 1%BSA / 10% normal goat serum (**ab7481**) / 0.3M glycine in 0.1% PBS-Tween for 1h to permeabilise the cells and block non-specific protein-protein interactions. The cells were then incubated with the antibody (ab8937, 1µg/ml) overnight at +4°C. The secondary antibody (green) was Alexa Fluor® 488 goat anti-rabbit IgG (H+L) used at a 1/1000 dilution for 1h. Alexa Fluor® 594 WGA was used to label plasma membranes (red) at a 1/200 dilution for 1h. DAPI was used to stain the cell nuclei (blue) at a concentration of 1.43µM.



Rabbit polyclonal to PPAR delta (ab8937).

Each lane contains 20 ug 3T3 cell lysate

Lane 1: ab8937 1/500

Lane 2: ab8937 1/1000

Secondary antibody: Goat anti-Rabbit (HRP) ([ab6721](#)) at 1/2000

Rabbit polyclonal to PPAR delta (ab8937). Each lane contains 20 ug 3T3 cell lysate ([ab7179](#)) Lane 1: ab8937 1/500 Lane 2: ab8937 1/1000 Secondary antibody: Goat anti-Rabbit (HRP) ([ab6721](#)) at 1/2000

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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