

Anti-PPAR delta antibody [EPR18517] ab178866

重组 RabMAb

5 References [5 图像](#)

概述

产品名称	Anti-PPAR delta抗体[EPR18517]
描述	兔单克隆抗体[EPR18517] to PPAR delta
宿主	Rabbit
经测试应用	适用于: WB, IP
种属反应性	与反应: Mouse, Rat, Human, Recombinant fragment
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
阳性对照	WB: Human PPAR delta full length recombinant protein; Jurkat, K562, HeLa, C6 and NIH/3T3 whole cell lysates; Mouse brain, heart and spleen lysates; Rat brain, heart and kidney lysates. IP: NIH/3T3 whole cell lysate.
常规说明	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none">- High batch-to-batch consistency and reproducibility- Improved sensitivity and specificity- Long-term security of supply- Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p>

性能

形式	Liquid
存放说明	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.
存储溶液	Preservative: 0.01% Sodium azide Constituents: 59% PBS, 40% Glycerol, 0.05% BSA
纯度	Protein A purified
克隆	单克隆
克隆编号	EPR18517
同种型	IgG

应用

The Abpromise guarantee

Abpromise™ 承诺保证使用 ab178866 于以下的经测试应用

“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		1/1000. Detects a band of approximately 52 kDa (predicted molecular weight: 50 kDa).
IP		1/20.

靶标

功能

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.

组织特异性

Ubiquitous with maximal levels in placenta and skeletal muscle.

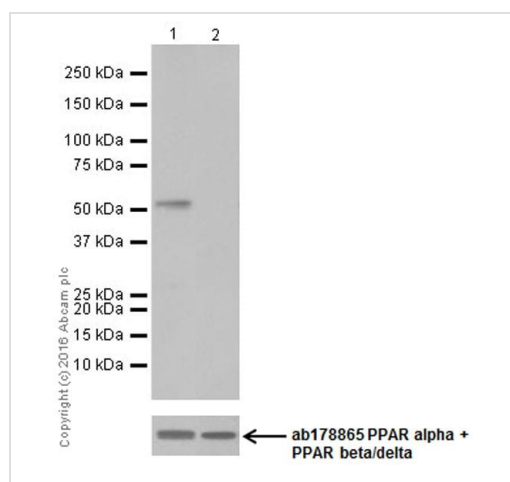
序列相似性

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

细胞定位

Nucleus.

图片



Western blot - Anti-PPAR delta antibody
[EPR18517] (ab178866)

All lanes : Anti-PPAR delta antibody [EPR18517] (ab178866) at 1/1000 dilution

Lane 1 : Human PPAR delta full length recombinant protein

Lane 2 : Human PPAR alpha full length recombinant protein

Lysates/proteins at 0.01 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/20000 dilution

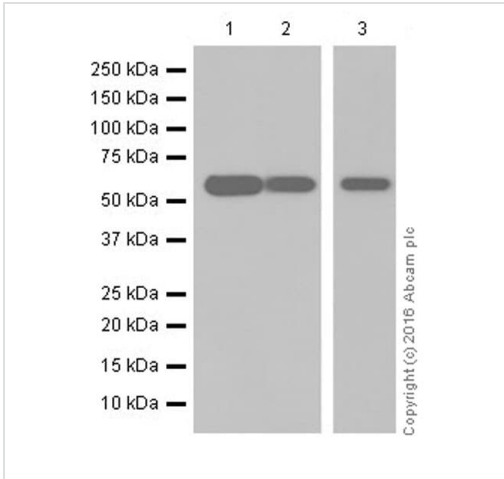
Predicted band size: 50 kDa

Observed band size: 52 kDa

Exposure time: 5 seconds

Blocking/Dilution buffer: 5% NFD/MTBST.

Human PPAR alpha full length recombinant protein contains aa1-468 with a His-Tag; Human PPAR delta full length recombinant protein contains aa1-441 with a His-Tag.



Western blot - Anti-PPAR delta antibody [EPR18517] (ab178866)

All lanes : Anti-PPAR delta antibody [EPR18517] (ab178866) at 1/1000 dilution

Lane 1 : Jurkat (Human T cell leukemia cell line from peripheral blood) whole cell lysate

Lane 2 : K562 (Human chronic myelogenous leukemia cell line from bone marrow) whole cell lysate

Lane 3 : HeLa (Human epithelial cell line from cervix adenocarcinoma) whole cell lysate

Lysates/proteins at 20 µg per lane.

Secondary

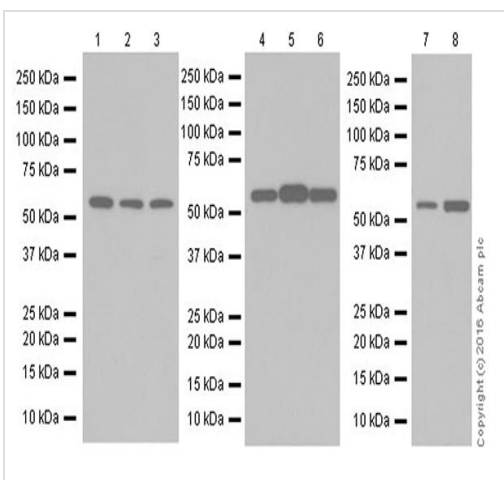
All lanes : Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 1/100000 dilution

Predicted band size: 50 kDa

Observed band size: 52 kDa

Blocking/Dilution buffer: 5% NFD/MTBST.

Exposure time: Lane 1 and 2: 3 minutes; Lane 3: 15 seconds.



Western blot - Anti-PPAR delta antibody [EPR18517] (ab178866)

All lanes : Anti-PPAR delta antibody [EPR18517] (ab178866) at 1/1000 dilution

Lane 1 : Mouse brain lysate

Lane 2 : Mouse heart lysate

Lane 3 : Mouse spleen lysate

Lane 4 : Rat brain lysate

Lane 5 : Rat heart lysate

Lane 6 : Rat kidney lysate

Lane 7 : C6 (Rat glioma cell line) whole cell lysate

Lane 8 : NIH/3T3 (Mouse embryonic fibroblast cell line) whole cell lysate

Lysates/proteins at 10 µg per lane.

Secondary

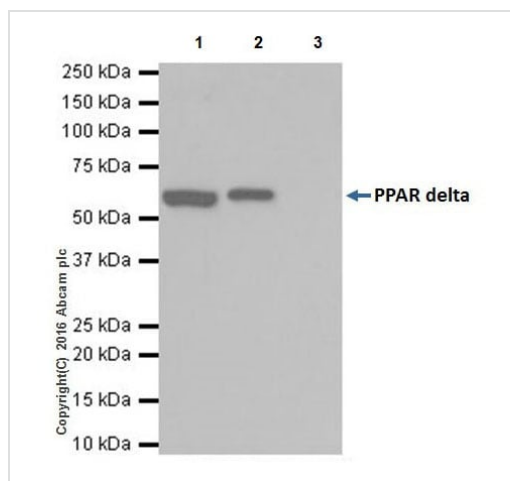
All lanes : Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 1/100000 dilution

Predicted band size: 50 kDa

Observed band size: 52 kDa

Blocking/Dilution buffer: 5% NFDm/TBST.

Exposure time: Lane 1, 2, 3, 4, 5 and 6: 3 minutes; Lane 7 and 8: 10 seconds.



Immunoprecipitation - Anti-PPAR delta antibody [EPR18517] (ab178866)

PPAR delta was immunoprecipitated from 0.35 mg of NIH/3T3 (Mouse embryonic fibroblast cell line) whole cell lysate with ab178866 at 1/20 dilution. Western blot was performed from the immunoprecipitate using ab178866 at 1/1000 dilution. VeriBlot for IP Detection Reagent (HRP) (**ab131366**), was used for detection at 1/10000 dilution.

Lane 1: NIH/3T3 whole cell lysate, 10µg (Input).

Lane 2: ab178866 IP in NIH/3T3 whole cell lysate.

Lane 3: Rabbit IgG, monoclonal [EPR25A]-Isotype Control (**ab172730**) instead of ab178866 in NIH/3T3 whole cell lysate.

Blocking and dilution buffer and concentration: 5% NFDm/TBST.

Exposure time: 30 seconds.

Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

Anti-PPAR delta antibody [EPR18517] (ab178866)

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

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