**Product datasheet**

**Anti-PPAR alpha antibody ab215270**

**Overview**

**Product name**
Anti-PPAR alpha antibody

**Description**
Rabbit polyclonal to PPAR alpha

**Host species**
Rabbit

**Tested applications**
Suitable for: Flow Cyt (Intra), WB

**Species reactivity**
Reacts with: Mouse, Human

**Predicted to work with:**
Rat

**Immunogen**
Synthetic peptide within Human PPAR alpha aa 300-400 conjugated to keyhole limpet haemocyanin. The exact immunogen sequence used to generate this antibody is proprietary information. If additional detail on the immunogen is needed to determine the suitability of the antibody for your needs, please contact our Scientific Support team to discuss your requirements.

Database link: Q07869

**Positive control**

**General notes**
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.

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&As

**Properties**

**Form**
Liquid

**Storage instructions**

**Storage buffer**
pH: 7.2
Preservative: 0.09% Sodium azide
Constituents: 1% BSA, 50% Glycerol (glycerin, glycerine)

**Purity**
Protein A purified

**Clonality**
Polyclonal
Isotype

IgG

Applications

The Abpromise guarantee
Our Abpromise guarantee covers the use of ab215270 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<table>
<thead>
<tr>
<th>Application</th>
<th>Abreviews</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flow Cyt (Intra)</td>
<td>1/50.</td>
<td></td>
</tr>
<tr>
<td>WB</td>
<td>1/100 - 1/1000. Predicted molecular weight: 52 kDa.</td>
<td></td>
</tr>
</tbody>
</table>

Target

Function
Ligand-activated transcription factor. Key regulator of lipid metabolism. Activated by the endogenous ligand 1-palmitoyl-2-oleoyl-sn-glycerol-3-phosphocholine (16:0/18:1-GPC). Activated by oleylthanolamide, a naturally occurring lipid that regulates satiety (By similarity). Receptor for peroxisome proliferators such as hypolipidemic drugs and fatty acids. Regulates the peroxisomal beta-oxidation pathway of fatty acids. Functions as transcription activator for the ACOX1 and P450 genes. Transactivation activity requires heterodimerization with RXRA and is antagonized by NR2C2.

Tissue specificity
Skeletal muscle, liver, heart and kidney.

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

Cellular localization
Nucleus.

Images

Intracellular Flow Cytometry of A431 cells with ab215439 at 1/50
Western blot - Anti-PPAR alpha antibody (ab215270)

**All lanes**: Anti-PPAR alpha antibody (ab215270) at 1/300 dilution

**Lane 1**: Mouse heart lysate

**Lane 2**: Mouse liver lysate

**Secondary**

**All lanes**: Goat Anti-Rabbit IgG Antibody (H+L), HRP at 1/5000 dilution

**Predicted band size**: 52 kDa

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

**Our Abpromise to you: Quality guaranteed and expert technical support**

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit [https://www.abcam.com/abpromise](https://www.abcam.com/abpromise) or contact our technical team.

**Terms and conditions**

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors