Product Datasheet

PPAR alpha/NR1C1 Antibody (3B6/PPAR)
NB300-537

Unit Size: 100 ug

Store at -20C. Avoid freeze-thaw cycles.

Reviews: 1  Publications: 11

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Updated 8/24/2020 v.20.1

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**Product Information**

- **Unit Size**: 100 ug
- **Concentration**: 1 mg/ml
- **Storage**: Store at -20C. Avoid freeze-thaw cycles.
- **Clonality**: Monoclonal
- **Clone**: 3B6/PPAR
- **Preservative**: 0.05% Sodium Azide
- **Isotype**: IgG2b
- **Purity**: Immunogen affinity purified
- **Buffer**: PBS

**Product Description**

- **Host**: Mouse
- **Gene ID**: 5465
- **Gene Symbol**: PPARA
- **Species**: Human, Mouse, Rat, Bovine, Rabbit
- **Specificity/Sensitivity**: PPAR alpha (3B6/PPAR)
- **Immunogen**: Purified recombinant PPAR alpha protein.

**Product Application Details**

- **Applications**: Western Blot, Chromatin Immunoprecipitation, Flow Cytometry, Gel Super Shift Assays, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation

- **Recommended Dilutions**: Western Blot 2 - 5 ug/ml, Chromatin Immunoprecipitation 1:10 - 1:500, Flow Cytometry 1 ug / 10^6 cells, Immunohistochemistry 1:10 - 1:500, Immunocytochemistry/Immunofluorescence 2 ug/ml, Immunoprecipitation 1:10 - 1:500, Immunohistochemistry-Paraffin 1:200, Gel Super Shift Assays 1:1 - 1:100

- **Application Notes**: May be useful in ChIP. Rabbit-IP reported in publication, see Sumanasekera WK et al. Rat-IHC reported in publication, see Crespillo A et al.

**Images**

Flow Cytometry: PPAR alpha/NR1C1 Antibody (3B6/PPAR) [NB300-537]

- An intracellular stain was performed on U-87 cells with PPAR alpha/NR1C1 Antibody [3B6/PPAR] NB300-537AF647 (blue) and a matched isotype control (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of 2.5 ug/mL for 30 minutes at room temperature. Both antibodies were conjugated to Alexa Fluor 647.
Western Blot: PPAR alpha/NR1C1 Antibody (3B6/PPAR) [NB300-537] - Analysis of 25 ug of Hela (Lane 1), Jurkat (Lane 2), and NIH-3T3 cell lysates (Lane 3) and a molecular weight protein ladder.

Flow Cytometry: PPAR alpha/NR1C1 Antibody (3B6/PPAR) [NB300-537] - An intracellular stain was performed on Hek293 cells with PPAR alpha/NR1C1 [3B6/PPAR] Antibody NB300-537AF647 (blue) and a matched isotype control (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of 2.5 ug/mL for 30 minutes at room temperature. Both antibodies were conjugated to Alexa Fluor 647.

Western Blot: PPAR alpha/NR1C1 Antibody (3B6/PPAR) [NB300-537] - 293T cell lysate. Image from verified customer review.

Flow Cytometry: PPAR alpha/NR1C1 Antibody (3B6/PPAR) [NB300-537] - Analysis of PPAR alpha in Jurkat cells compared to an isotype control (blue).
Flow Cytometry: PPAR alpha/NR1C1 Antibody (3B6/PPAR) [NB300-537] - Analysis of PPAR alpha in Hela cells compared to an isotype control (blue).

Flow Cytometry: PPAR alpha/NR1C1 Antibody (3B6/PPAR) [NB300-537] - Analysis of PPAR alpha in 3T3 cells compared to an isotype control (blue).

Flow Cytometry: PPAR alpha/NR1C1 Antibody (3B6/PPAR) [NB300-537] - An intracellular stain was performed on Jurkat cells with PPAR alpha/NR1C1 Antibody (3B6/PPAR) NB300-537AF647 (blue) and a matched isotype control (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of 5 ug/mL for 30 minutes at room temperature. Both antibodies were conjugated to Alexa Fluor 647.
<table>
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<th>Publications</th>
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<tr>
<td>Yang Q, Sun S, Liu W et al. Hypoxia training improves hepatic steatosis partly by downregulation of CB1 receptor in obese mice Biochemical and Biophysical Research Communications Feb 1 2020 12:00AM [PMID: 32122652] (WB, Mouse)</td>
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Limitations
This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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