

### Anti-NR0B2 antibody ab96605

[3 References](#) [2 Images](#)

#### Overview

|                            |   |
|----------------------------|---|
| <b>Product name</b>        | Anti-NR0B2 antibody   |
| <b>Description</b>         | Rabbit polyclonal to NR0B2  |
| <b>Host species</b>        | Rabbit  |
| <b>Tested applications</b> | <b>Suitable for:</b> WB, IHC-P  |
| <b>Species reactivity</b>  | <b>Reacts with:</b> Human   |
| <b>Immunogen</b>           | Recombinant fragment, corresponding to a region within the internal sequence amino acids 64-246 of Human NR0B2.   |
| <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. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.                                 |
| <b>Storage buffer</b>       | pH: 7.00<br>Preservative: 0.01% Thimerosal (merthiolate)<br>Constituents: 1.21% Tris, 0.75% Glycine, 10% Glycerol (glycerin, glycerine) |
| <b>Purity</b>               | Immunogen affinity purified   |
| <b>Clonality</b>            | Polyclonal  |
| <b>Isotype</b>              | IgG   |

#### Applications

**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab96605 in the following tested applications.

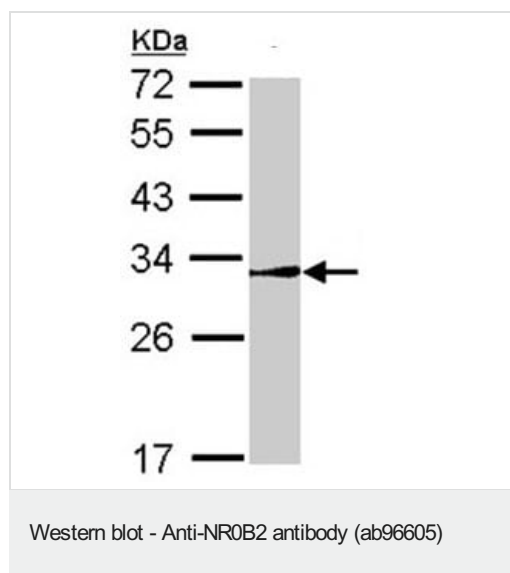
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| Application | Abreviews | Notes   |
|-------------|-----------|---|
| WB          |           | 1/500 - 1/3000. Predicted molecular weight: 28 kDa. |
| IHC-P       |           | 1/100 - 1/250.                                      |

## Target

|   |   |
|---|---|
| <b>Function</b>                         | Acts as a transcriptional regulator. Acts as a negative regulator of receptor-dependent signaling pathways. Specifically inhibits transactivation of the nuclear receptor with whom it interacts. Inhibits transcriptional activity of NEUROD1 on E-box-containing promoter by interfering with the coactivation function of the p300/CBP-mediated transcription complex for NEUROD1. |
| <b>Tissue specificity</b>               | Liver. Low levels of expression were detected in heart and pancreas.  |
| <b>Involvement in disease</b>           | Obesity   |
| <b>Sequence similarities</b>            | Belongs to the nuclear hormone receptor family. NR0 subfamily.  |
| <b>Post-translational modifications</b> | Arginine methylation by PRMT5 enhances repression activity of metabolic genes in liver in response to bile acid signaling, by increasing interaction with cofactors.  |
| <b>Cellular localization</b>            | Nucleus. Cytoplasm. Colocalizes with NEUROD1 in the nucleus.  |

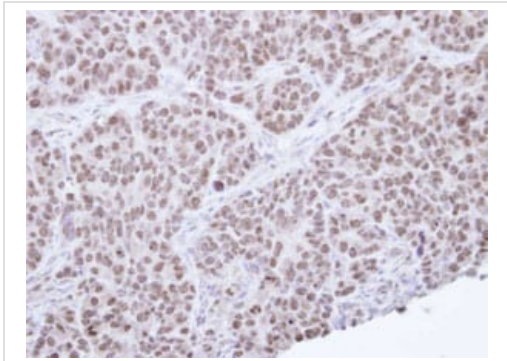
## Images



Anti-NR0B2 antibody (ab96605) at 1/1000 dilution + Molt-4 whole cell lysate at 30 µg

**Predicted band size:** 28 kDa

12% SDS PAGE



Immunohistochemical analysis of paraffin-embedded SW480 Xenograft, using ab96605 at 1:100 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-NR0B2 antibody (ab96605)

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

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