

## Product datasheet

# Anti-NR0B2 antibody ab186874

★★★★★ 1 Abreviews 1 References 5 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> IHC-P, WB, ICC/IF
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse, Rat, Human
<b>Immunogen</b>	Full length protein corresponding to Human NR0B2. Database link: <a href="#">Q15466</a>
<b>Positive control</b>	WB: Mouse liver and kidney tissue lysates. IHC-P: Rat liver, rat lung, rat brain and mouse brain tissues.

### 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 or -80°C. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	pH: 7.3 Preservative: 0.02% Sodium azide Constituents: 50% Glycerol, 49% PBS
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

### Applications

Our [Abpromise guarantee](#) covers the use of **ab186874** in the following tested applications.

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

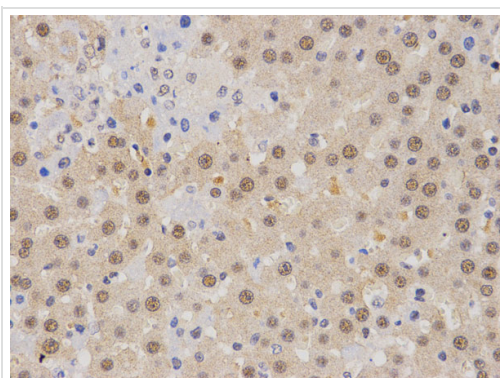
Application	Abreviews	Notes
IHC-P		1/50 - 1/200. <a href="#">ab171870</a> - Rabbit polyclonal IgG, is suitable for use as an isotype control with this antibody.

Application	Abreviews	Notes
WB		1/500 - 1/2000. Predicted molecular weight: 28 kDa.
ICC/IF	★★★★☆	1/10 - 1/100.

## Target

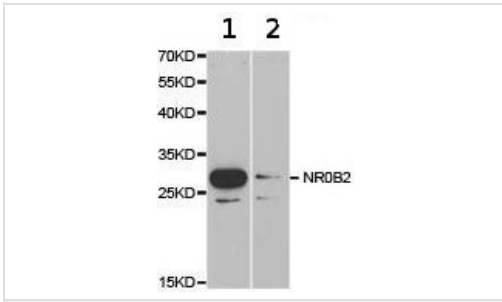
<b>Function</b>	Acts as a transcriptional regulator. Acts as a negative regulator of receptor-dependent signaling pathways. Specifically inhibits transactivation of the nuclear receptor with whom it interacts. Inhibits transcriptional activity of NEUROD1 on E-box-containing promoter by interfering with 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



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of rat liver tissue labelling NR0B2 with ab186874 at 2.38 mg/ml.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-NR0B2 antibody (ab186874)



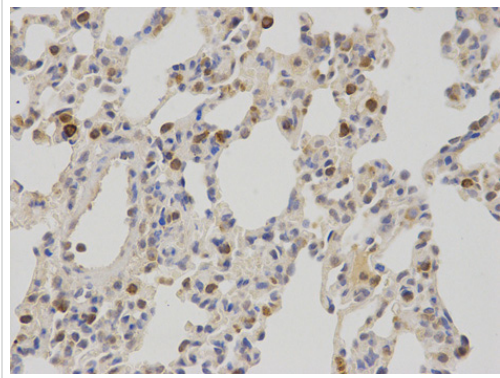
Western blot - Anti-NR0B2 antibody (ab186874)

**All lanes :** Anti-NR0B2 antibody (ab186874) at 1/500 dilution

**Lane 1 :** Mouse liver tissue extract

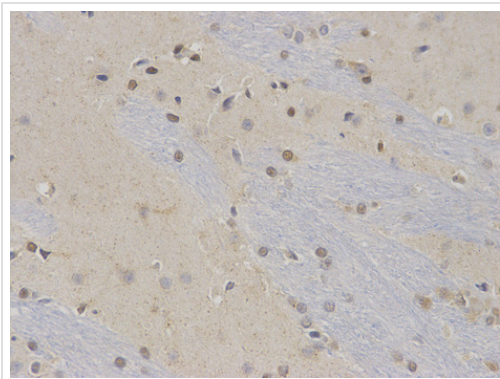
**Lane 2 :** Mouse kidney tissue extract

**Predicted band size:** 28 kDa



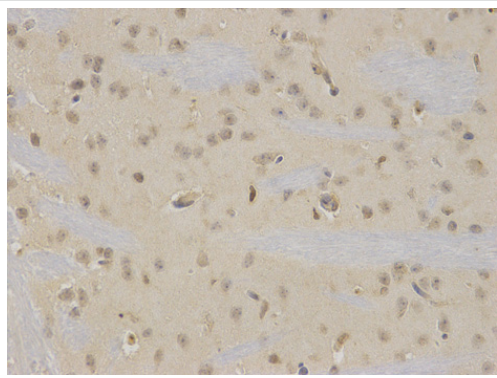
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-NR0B2 antibody (ab186874)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of rat lung tissue labelling NR0B2 with ab186874 at 1/100. Magnification: 400x.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-NR0B2 antibody (ab186874)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of rat brain tissue labelling NR0B2 with ab186874 at 1/100. Magnification: 400x.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of mouse brain tissue labelling NR0B2 with ab186874 at 1/100. Magnification: 400x.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-NR0B2 antibody (ab186874)

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

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