

## Product datasheet

# Anti-Nuclear Receptor Corepressor NCoR antibody ab58396

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

### Overview

<b>Product name</b>	Anti-Nuclear Receptor Corepressor NCoR antibody
<b>Description</b>	Rabbit polyclonal to Nuclear Receptor Corepressor NCoR
<b>Host species</b>	Rabbit
<b>Specificity</b>	This antibody detects endogenous levels of total NCoR1 protein.
<b>Tested applications</b>	<b>Suitable for:</b> WB, IHC-P
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Synthetic peptide derived from the internal sequence of Nuclear Receptor Corepressor NCoR (Human)
<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. Store at -20°C. Stable for 12 months at -20°C.
<b>Storage buffer</b>	<p>pH: 7.40</p> <p>Preservative: 0.02% Sodium azide</p> <p>Constituents: PBS, 50% Glycerol (glycerin, glycerine), 0.87% Sodium chloride</p> <p>Without Mg+2 and Ca+2</p>
<b>Purity</b>	Immunogen affinity purified
<b>Purification notes</b>	Purified from rabbit antiserum.
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

## Applications

### The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab58396 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 - 1/1000. Predicted molecular weight: 270 kDa.
IHC-P		1/50 - 1/100.

## Target

### Function

Mediates transcriptional repression by certain nuclear receptors. Part of a complex which promotes histone deacetylation and the formation of repressive chromatin structures which may impede the access of basal transcription factors.

### Sequence similarities

Belongs to the N-CoR nuclear receptor corepressors family.  
Contains 2 SANT domains.

### Domain

The N-terminal region contains three independent domains that are capable of mediating transcriptional repression (RD1, RD2 and RD3).  
The C-terminal region contains two separate nuclear receptor-interacting domains (ID1 and ID2), each of which contains a conserved sequence referred to as the CORNR box. This motif is necessary and sufficient for binding to unligated nuclear hormone receptors, while sequences flanking the CORNR box determine the precise nuclear hormone receptor specificity.

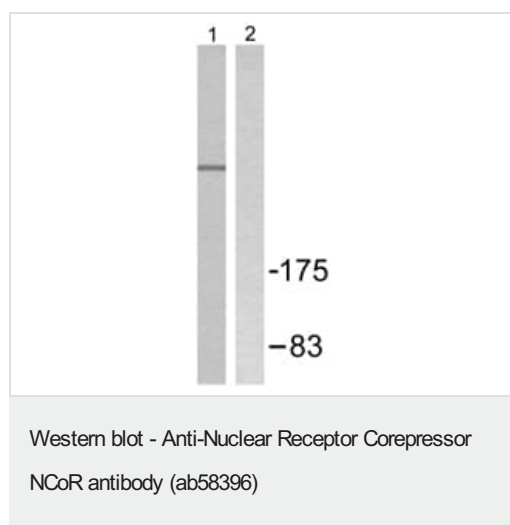
### Post-translational modifications

Ubiquitinated; mediated by SIAH2 and leading to its subsequent proteasomal degradation.

### Cellular localization

Nucleus.

## Images

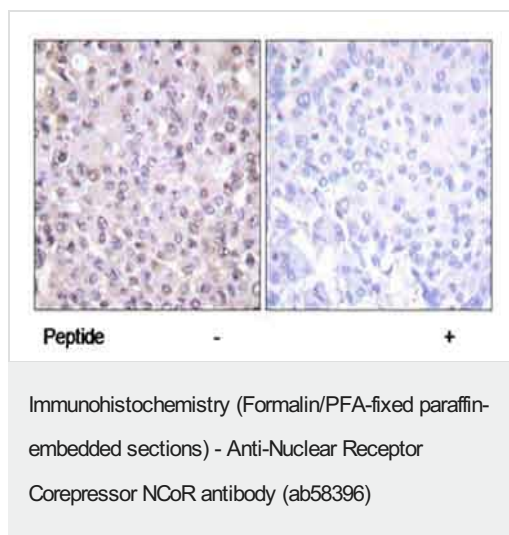


**All lanes :** Anti-Nuclear Receptor Corepressor NCoR antibody (ab58396) at 1/500 dilution

**Lane 1 :** MDA-MB-435 cell extract with no immunizing peptide

**Lane 2 :** MDA-MB-435 cell extract with immunizing peptide

**Predicted band size:** 270 kDa



ab58396, at 1/50 dilution, staining human Nuclear Receptor Corepressor NCoR in breast carcinoma tissue by immunohistochemistry in the presence or absence of the immunizing peptide. Paraffin embedded tissue.

**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

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- 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> or contact our technical team.

### Terms and conditions

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