

## Product datasheet

# Anti-RXRG antibody ab15518

★★★★★ [10 Abreviews](#) [15 References](#) [2 Images](#)

### Overview

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<b>Product name</b>	Anti-RXRG antibody
<b>Description</b>	Rabbit polyclonal to RXRG
<b>Host species</b>	Rabbit
<b>Specificity</b>	From Jan 2024, QC testing of replenishment batches of this polyclonal changed. All tested and expected application and reactive species combinations are still covered by our Abcam product promise. However, we no longer test all applications. For more information on a specific batch, please contact our Scientific Support who will be happy to help.
<b>Tested applications</b>	<b>Suitable for:</b> IHC-Fr, ICC/IF, IHC - Wholemount, WB, IHC-P
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse, Rat, Chicken, Hamster, Human
<b>Immunogen</b>	Synthetic peptide within Mouse RXRG aa 1-100 (N terminal). The exact sequence is proprietary. Database link: <a href="#">P28705</a>
<b>General notes</b>	<p><b>This product is FOR RESEARCH USE ONLY. For commercial use, please contact <a href="mailto:partnerships@abcam.com">partnerships@abcam.com</a>.</b></p> <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

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<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: 7.60 Preservative: 0.1% Sodium azide Constituents: PBS, 1% BSA
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal

Isotype

IgG

## Applications

**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab15518 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-Fr	★★★★★ (1)	Use at an assay dependent concentration.
ICC/IF	★★★★★ (2)	Use at an assay dependent concentration.
IHC - Wholemount	★★★★★ (1)	Use at an assay dependent concentration.
WB	★★★★★ (2)	Use a concentration of 1 - 2 µg/ml. Predicted molecular weight: 51 kDa.
IHC-P	★★★★★ (4)	1/100. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.

## Target

### Function

Receptor for retinoic acid. Retinoic acid receptors bind as heterodimers to their target response elements in response to their ligands, all-trans or 9-cis retinoic acid, and regulate gene expression in various biological processes. The RAR/RXR heterodimers bind to the retinoic acid response elements (RARE) composed of tandem 5'-AGGTCA-3' sites known as DR1-DR5. The high affinity ligand for RXRs is 9-cis retinoic acid.

### Sequence similarities

Belongs to the nuclear hormone receptor family. NR2 subfamily.  
Contains 1 nuclear receptor DNA-binding domain.

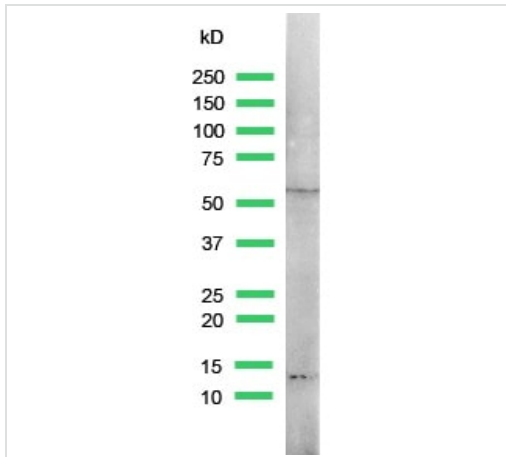
### Domain

Composed of three domains: a modulating N-terminal domain, a DNA-binding domain and a C-terminal ligand-binding domain.

### Cellular localization

Nucleus.

## Images

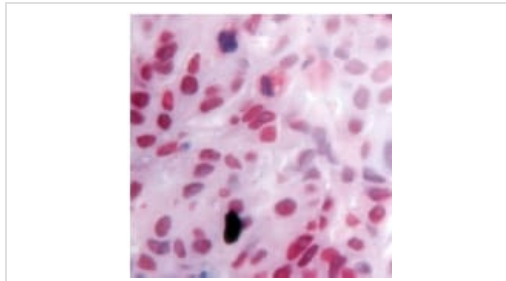


Western blot - Anti-RXRG antibody (ab15518)

Anti-RXRG antibody (ab15518) at 1/25 dilution + NIH3T3 cell lysate

**Predicted band size:** 51 kDa

**Observed band size:** 55 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-RXRG antibody (ab15518)

ab15518 staining RXRG in breast carcinoma by Immunohistochemistry (FFPE-sections).

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

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