


## Product datasheet

# Anti-DHX58/RLR antibody ab67270

★★★★★ 1 Abreviews 4 References 1 Image

### Overview

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<b>Product name</b>	Anti-DHX58/RLR antibody
<b>Description</b>	Rabbit polyclonal to DHX58/RLR
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB
<b>Species reactivity</b>	<b>Reacts with:</b> Rat, Human <b>Predicted to work with:</b> Mouse 
<b>Immunogen</b>	Synthetic peptide corresponding to Human DHX58/RLR (C terminal).
<b>General notes</b>	<p>Previously labelled as DHX58.</p> <p>Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.</p> <p>Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.</p> <p>We are also planning to innovate the way in which we present recommended applications and species on our product datasheets, so that only applications &amp; species that have been tested in our own labs, our suppliers or by selected trusted collaborators are covered by our Abpromise™ guarantee.</p> <p>In preparation for this, we have started to update the applications &amp; species that this product is Abpromise guaranteed for.</p> <p>We are also updating the applications &amp; species that this product has been “predicted to work with,” however this information is not covered by our Abpromise guarantee.</p> <p>Applications &amp; species from publications and Abreviews that have not been tested in our own labs or in those of our suppliers are not covered by the Abpromise guarantee.</p> <p>Please check that this product meets your needs before purchasing. 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, as well as customer reviews and Q&amp;As.</p>

### Properties

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<b>Form</b>	Liquid
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<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C.
<b>Storage buffer</b>	pH: 7.2 Preservative: 0.02% Sodium azide Constituent: PBS
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

## Applications

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Our [Abpromise guarantee](#) covers the use of **ab67270** 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		Use a concentration of 1 - 2 µg/ml. Detects a band of approximately 77 kDa (predicted molecular weight: 77 kDa).

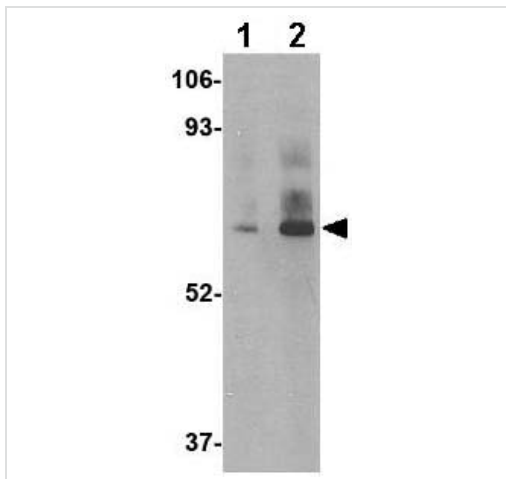
## Target

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<b>Function</b>	Participates in innate immune defense against viruses. Upon interaction with intracellular dsRNA produced during viral replication, triggers a transduction cascade which results in the induction and expression of antiviral cytokines such as IFN-beta and RANTES (CCL5). The RNA helicase domain may recognize and structurally modify viral RNA to facilitate detection by DDX58/RIG-I or by IFIH1/MDA5 whose affinity for dsRNA is lower.
<b>Sequence similarities</b>	Belongs to the helicase family. Contains 1 helicase ATP-binding domain. Contains 1 helicase C-terminal domain.
<b>Cellular localization</b>	Cytoplasm.

## Images

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Western blot - Anti-DHX58/RLR antibody (ab67270)

**Lane 1 :** Anti-DHX58/RLR antibody (ab67270) at 1 µg/ml

**Lane 2 :** Anti-DHX58/RLR antibody (ab67270) at 2 µg/ml

**All lanes :** Rat  
kidney tissue lysate

Lysates/proteins at 15 µg per lane.

**Secondary**

**All lanes :** Anti rabbit secondary antibody

**Predicted band size:** 77 kDa

**Observed band size:** 77 kDa

**Additional bands at:** 80 kDa, 90 kDa. We are unsure as to the identity of these extra bands.

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

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