

Product datasheet

Anti-RNase 7 antibody ab81470

1 Image

Overview

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<b>Product name</b>	Anti-RNase 7 antibody
<b>Description</b>	Rabbit polyclonal to RNase 7
<b>Host species</b>	Rabbit
<b>Specificity</b>	ab81470 reacts with a 17 kDa RNase 7 protein. It also cross reacts with Ribonuclease 8 protein.
<b>Tested applications</b>	<b>Suitable for:</b> IHC-Fr, WB
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Synthetic peptide corresponding to Human RNase 7 (N terminal).
<b>General notes</b>	Protein previously labeled as Ribonuclease 7.

Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.

Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.

We are also planning to innovate the way in which we present recommended applications and species on our product datasheets, so that only applications & species that have been tested in our own labs, our suppliers or by selected trusted collaborators are covered by our Abpromise™ guarantee.

In preparation for this, we have started to update the applications & species that this product is Abpromise guaranteed for.

We are also updating the applications & species that this product has been “predicted to work with,” however this information is not covered by our Abpromise guarantee.

Applications & 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.

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&As.

Properties

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<b>Form</b>	Liquid
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<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
<b>Storage buffer</b>	Constituent: Whole serum
<b>Purity</b>	Whole antiserum
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

## Applications

Our [Abpromise guarantee](#) covers the use of **ab81470** in the following tested applications.

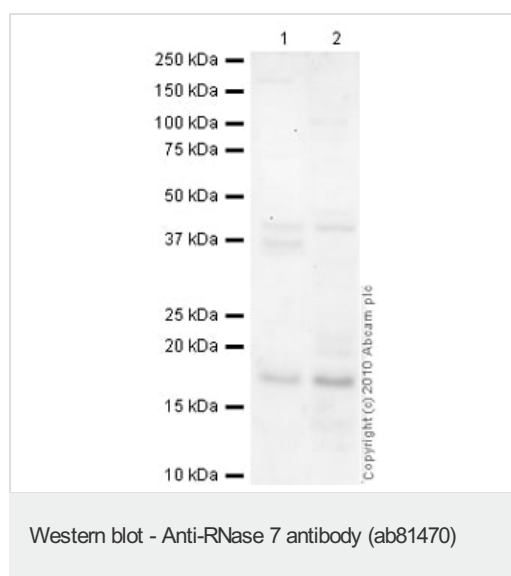
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-Fr		1/200 - 1/1000.
WB		1/500 - 1/5000. Predicted molecular weight: 17 kDa.

## Target

<b>Function</b>	Exhibits a potent RNase activity. Has broad-spectrum antimicrobial activity against many pathogenic microorganisms and remarkably potent activity (lethal dose of 90% < 30 nM) against a vancomycin resistant <i>Enterococcus faecium</i> .
<b>Tissue specificity</b>	Expressed in various epithelial tissues including skin, respiratory tract, genito-urinary tract and, at a low level, in the gut. Expressed in liver, kidney, skeletal muscle and heart.
<b>Sequence similarities</b>	Belongs to the pancreatic ribonuclease family.
<b>Cellular localization</b>	Secreted.

## Images



**All lanes** : Anti-RNase 7 antibody (ab81470) at 1/500 dilution

**Lane 1** : Human small intestine tissue lysate - total protein  
([ab29276](#))

**Lane 2** : HeLa (Human epithelial carcinoma cell line) Whole Cell  
Lysate

Lysates/proteins at 10 µg per lane.

### Secondary

**All lanes** : Goat Anti-Rabbit IgG H&L (HRP) preadsorbed  
([ab97080](#)) at 1/5000 dilution

Developed using the ECL technique.

**Predicted band size:** 17 kDa

**Observed band size:** 17 kDa

**Additional bands at:** 37 kDa, 40 kDa. We are unsure as to the identity of these extra bands.

**Exposure time:** 20 minutes

**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