



## Product datasheet

# Anti-RNase 7 antibody ab233518

[2 Images](#)

### 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>Tested applications</b>	<b>Suitable for:</b> WB, IHC-P
<b>Species reactivity</b>	<b>Reacts with:</b> Rat, Human
<b>Immunogen</b>	<p>Recombinant fragment (His-tag) corresponding to Human RNase 7 aa 31-155. (Expressed in E.coli).</p> <p>Sequence:</p> <p>KGMTSSQWFKIQHMQPSPQACNSAMKNINKHTKRCK            DLNTFLHEPFSSVA            ATCQTPKIACKNGDKNCHQSHGAVSLTMCKLTSGKHP            NCRYKEKRQNKSY            VVACKPPQKKDSQQFHLVPVHLDRV</p> <p>Database link: <a href="#">Q9H1E1</a></p> <p style="text-align: right;">  <a href="#">Run BLAST with</a>                <a href="#">Run BLAST with</a> </p>
<b>Positive control</b>	WB: Rat marrow tissue lysate; Recombinant human RNase 7 protein.
<b>General notes</b>	Protein previously labeled as Ribonuclease 7.

### 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 long term. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	<p>pH: 7.4</p> <p>Preservative: 0.02% Sodium azide</p> <p>Constituents: PBS, 50% Glycerol</p>
<b>Purity</b>	Immunogen affinity purified
<b>Purification notes</b>	Antigen-specific affinity chromatography followed by Protein A affinity chromatography.
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

## Applications

Our [Abpromise guarantee](#) covers the use of **ab233518** in the following tested applications.

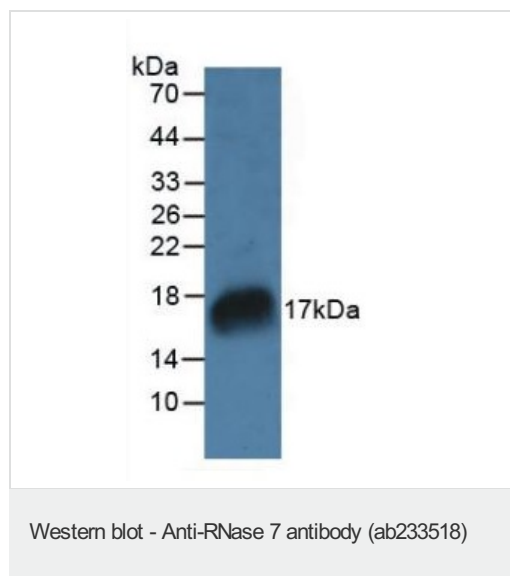
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 0.5 - 2 µg/ml.
IHC-P		Use a concentration of 5 - 20 µg/ml.

## 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.

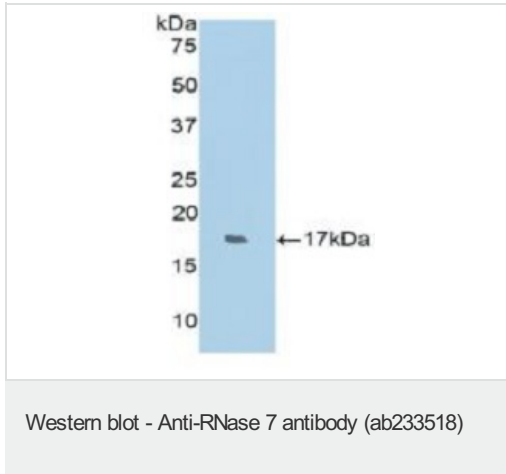
## Images



Anti-RNase 7 antibody (ab233518) at 2 µg/ml + Rat marrow tissue lysate

### Secondary

HRP-Linked Guinea pig anti-rabbit at 1/2000 dilution



Anti-RNase 7 antibody (ab233518) at 2 µg/ml + Recombinant human RNase 7 protein

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

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