




## Product datasheet

### Anti-Antizyme inhibitor 1 antibody ab231342

4 Images

#### Overview

<b>Product name</b>	Anti-Antizyme inhibitor 1 antibody
<b>Description</b>	Rabbit polyclonal to Antizyme inhibitor 1
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> IHC-P, WB
<b>Species reactivity</b>	<b>Reacts with:</b> Human, Pig, Recombinant fragment <b>Predicted to work with:</b> Mouse, Rat, Orangutan 
<b>Immunogen</b>	Recombinant fragment (His-tag) corresponding to Human Antizyme inhibitor 1 aa 1-300. (Expressed in E.coli). Database link: <a href="#">Q14977</a> <div>  <a href="#">Run BLAST with</a>  <a href="#">Run BLAST with</a> </div>
<b>Positive control</b>	WB: Recombinant human Antizyme inhibitor 1 protein; Pig liver lysate; HepG2 cell lysate. IHC-P: Human liver and stomach tissues.
<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 +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	pH: 7.40 Preservative: 0.011% Proclin 300 Constituents: 55.77% Glycerol (glycerin, glycerine), 44.219% PBS
<b>Purity</b>	Immunogen affinity purified
<b>Purification notes</b>	ab231342 was purified by antigen-specific affinity chromatography followed by Protein A affinity chromatography.

<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

## Applications

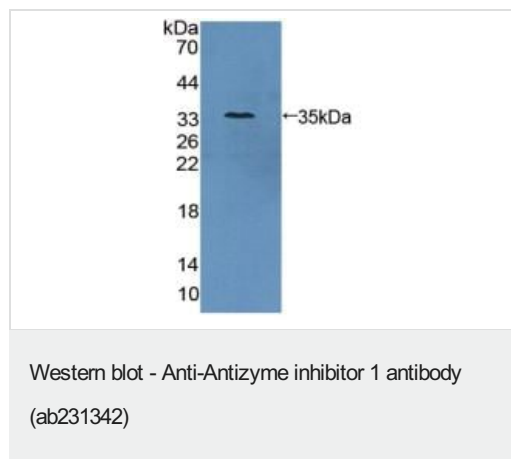
**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab231342 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		Use a concentration of 5 - 20 µg/ml.
WB		Use a concentration of 0.5 - 2 µg/ml. Predicted molecular weight: 50 kDa.

## Target

<b>Function</b>	Regulates cellular polyamine homeostasis (By similarity). Inhibits antizyme-dependent ornithine decarboxylase degradation by binding to antizyme.
<b>Tissue specificity</b>	Expressed in liver.
<b>Sequence similarities</b>	Belongs to the Orn/Lys/Arg decarboxylase class-II family. ODC antizyme inhibitor subfamily.

## Images

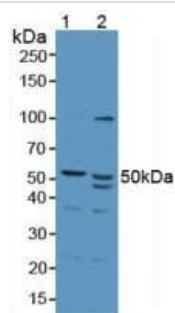


Anti-Antizyme inhibitor 1 antibody (ab231342) at 1 µg/ml +  
Recombinant human Antizyme inhibitor 1 protein

### Secondary

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

**Predicted band size:** 50 kDa



Western blot - Anti-Antizyme inhibitor 1 antibody (ab231342)

**All lanes :** Anti-Antizyme inhibitor 1 antibody (ab231342) at 1 µg/ml

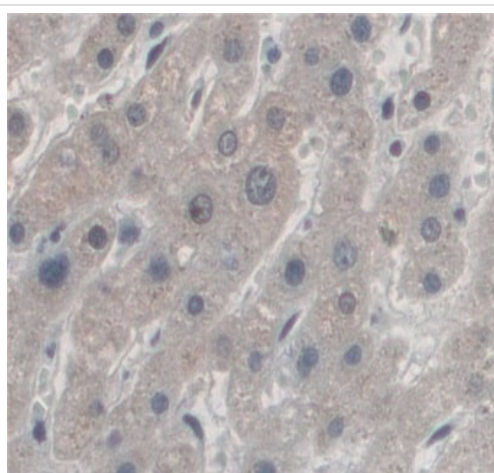
**Lane 1 :** Pig liver lysate

**Lane 2 :** HepG2 (human liver hepatocellular carcinoma cell line) cell lysate

### Secondary

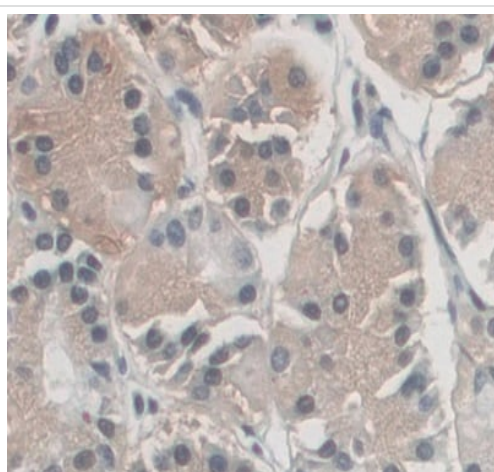
**All lanes :** HRP-Linked Guinea pig anti-Rabbit at 1/2000 dilution

**Predicted band size:** 50 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Antizyme inhibitor 1 antibody (ab231342)

Paraffin-embedded human liver tissue stained for Antizyme inhibitor 1 using ab231342 at 20 µg/ml in immunohistochemical analysis. DAB staining.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Antizyme inhibitor 1 antibody (ab231342)

Paraffin-embedded human stomach tissue stained for Antizyme inhibitor 1 using ab231342 at 20 µg/ml in immunohistochemical analysis. DAB staining.

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

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