

## Product datasheet

# Anti-Zinc finger antiviral protein antibody ab105357

1 References 3 Images

### Overview

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<b>Product name</b>	Anti-Zinc finger antiviral protein antibody
<b>Description</b>	Rabbit polyclonal to Zinc finger antiviral protein
<b>Host species</b>	Rabbit
<b>Specificity</b>	ab105357 is predicted to not crossreact with other ZAP members. Four isoforms of Zinc finger antiviral protein are known to exist.
<b>Tested applications</b>	<b>Suitable for:</b> ICC/IF, WB, ICC
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Synthetic peptide corresponding to Human Zinc finger antiviral protein (C terminal). Database link: <a href="#">NP_078901</a>
<b>Positive control</b>	WB: HeLa cell lysate ICC: HeLa cells
<b>General notes</b>	<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
<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

Our [Abpromise guarantee](#) covers the use of **ab105357** 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
ICC/IF		Use a concentration of 20 µg/ml.
WB		Use a concentration of 0.5 - 1 µg/ml. Predicted molecular weight: 101 kDa.
ICC		Use a concentration of 20 µg/ml.

## Target

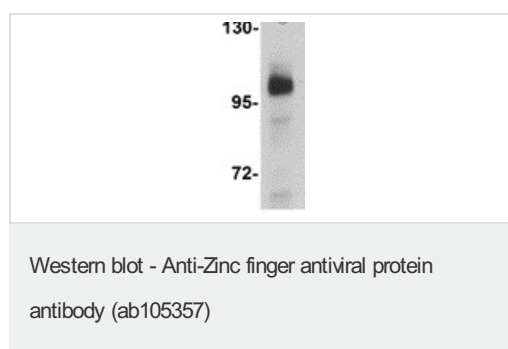
**Function** Induces an innate immunity to viral infections by preventing the accumulation of viral RNAs in the cytoplasm. Seems to recruit the RNA processing exosome to degrade the target RNAs. Inhibits alphavirus and filovirus replication.

**Sequence similarities** Contains 4 C3H1-type zinc fingers.  
Contains 1 PARP catalytic domain.  
Contains 1 WWE domain.

**Domain** The second and fourth zinc fingers are involved in binding to specific viral RNAs.

**Cellular localization** Cytoplasm. Nucleus. Localizes in the cytoplasm at steady state, but shuttles between nucleus and cytoplasm in a XPO1-dependent manner.

## Images



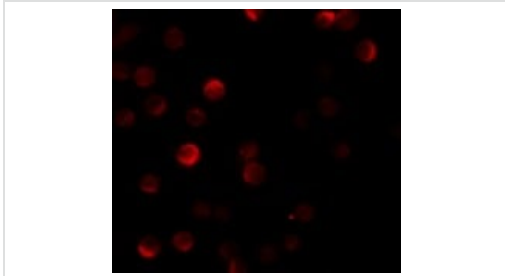
Anti-Zinc finger antiviral protein antibody (ab105357) at 1 µg/ml + HeLa cell lysate at 15 µg

**Predicted band size:** 101 kDa



Immunocytochemistry - Anti-Zinc finger antiviral protein antibody (ab105357)

Immunocytochemical analysis of Zinc finger antiviral protein in HeLa cells stained with ab105357 at 20 µg/ml.



Immunocytochemistry/ Immunofluorescence - Anti-Zinc finger antiviral protein antibody (ab105357)

Immunofluorescence of ZC3HAV1 in HeLa cells using ab105357 at 20 µg/ml.

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

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