

Product datasheet

Anti-Zinc finger antiviral protein antibody ab154680

★★★★★ [2 Abreviews](#) [10 References](#) [3 Images](#)

Overview

Product name	Anti-Zinc finger antiviral protein antibody
Description	Rabbit polyclonal to Zinc finger antiviral protein
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P, ICC/IF
Species reactivity	Reacts with: Human
Immunogen	Recombinant fragment corresponding to Human Zinc finger antiviral protein aa 401-721 (internal sequence). Database link: Q7Z2W4
Positive control	A431 whole cell lysate; A431 cells; Human hepatoma tissue.
General notes	<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&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.00 Preservative: 0.025% Proclin 300 Constituents: 79% PBS, 20% Glycerol (glycerin, glycerine)
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab154680 in the following tested applications.

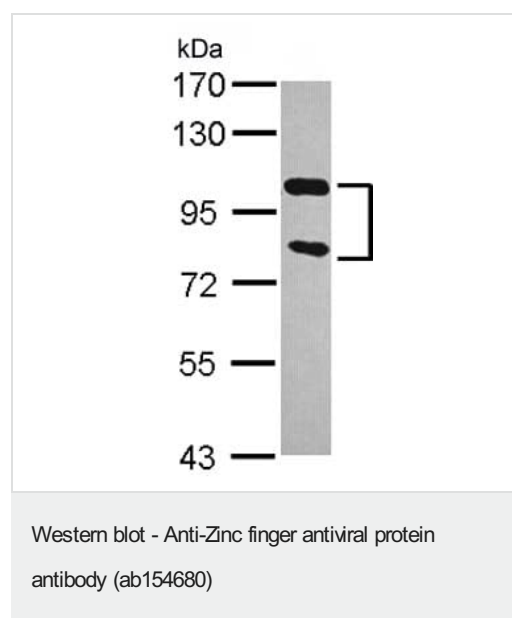
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB	★★★★★ (1)	1/5000 - 1/20000. Predicted molecular weight: 101 kDa.
IHC-P		1/100 - 1/1000.
ICC/IF		1/100 - 1/1000.

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.

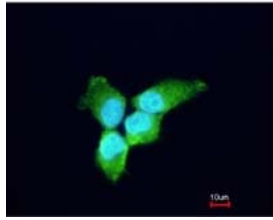
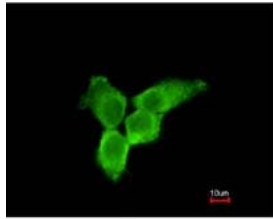
Images



Anti-Zinc finger antiviral protein antibody (ab154680) at 1/10000 dilution + A431 whole cell lysate at 30 µg

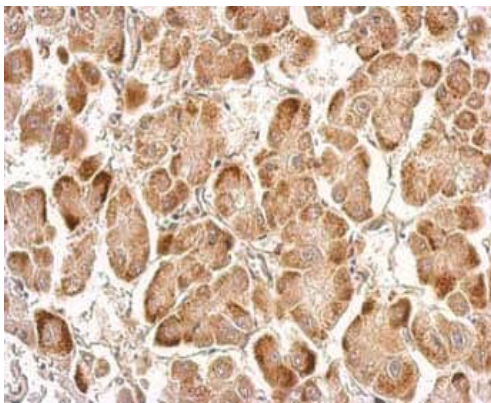
Predicted band size: 101 kDa

7.5% SDS PAGE



Immunofluorescent analysis of paraformaldehyde-fixed A431 cells labeling Zinc finger antiviral protein with ab154680 at 1/200 dilution. Lower panel is co-stained with Hoechst 33342.

Immunocytochemistry/ Immunofluorescence - Anti-Zinc finger antiviral protein antibody (ab154680)



Immunohistochemical analysis of paraffin-embedded Human hepatoma tissue labeling Zinc finger antiviral protein with ab154680 at 1/500 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Zinc finger antiviral protein antibody (ab154680)

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

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- Response to your inquiry within 24 hours
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- We investigate all quality concerns to ensure our products perform to the highest standards

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