BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
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Anti-ZC3HAV1 Antibody

Catalog Number: A04199

About ZC3HAV1

The zinc finger antiviral protein (ZC3HAV1) is a CCCH type zinc finger protein that induces an innate immunity to infections by retrovirus by preventing the accumulation of viral RNAs in the cytoplasm and recruits the RNA processing exosome to degrade target RNAs, thereby inhibiting virus replication. ZC3HAV1 is localized in the cytoplasm at steady state, but shuttles between nucleus and cytoplasm in a XPO1-dependent manner. ZAP is a direct target gene of IRF3 action in cellular antiviral responses.

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Overview

Product Name	Anti-ZC3HAV1 Antibody
Reactive Species	Human
Description	Boster Bio Anti-ZC3HAV1 Antibody (Catalog # A04199). Tested in ELISA, WB, ICC, IF applications. This antibody reacts with Human.
Application	ELISA, IF, ICC, WB
Clonality	Polyclonal
Formulation	ZC3HAV1 Antibody is supplied in PBS containing ≤0.09% sodium azide.
Storage Instructions	ZC3HAV1 antibody can be stored at 4°C, stable for up to one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	Q7Z2W4

Technical Details

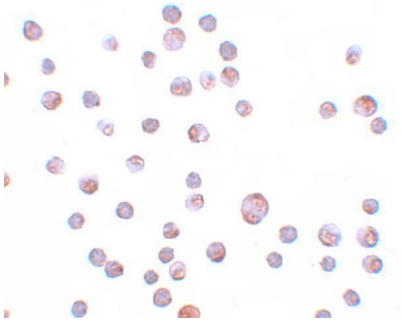
Immunogen	ZC3HAV1 antibody was raised against a 14 amino acid synthetic peptide near the carboxy terminus of human ZC3HAV1. The immunogen is located within amino acids 680 - 730 of ZC3HAV1.
Predicted Reactive Species	Rat
Isotype	IgG

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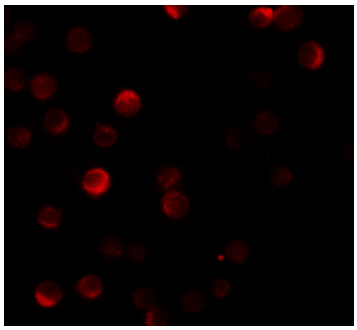
Form	Liquid
Concentration	1 mg/mL
Purification	ZC3HAV1 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	ZC3HAV1 antibody can be used for detection of ZC3HAV1 by Western blot at 1 ug/mL. Antibody can also be used for immunocytochemistry starting at 20 ug/mL. For immunofluorescence start at 20 ug/mL. Antibody validated: Western Blot in human samples; Immunocytochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

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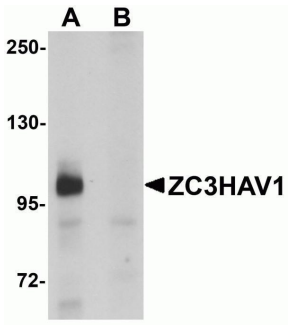
Anti-ZC3HAV1 Antibody (A04199) Images



Immunocytochemistry of ZC3HAV1 in HeLa cells with ZC3HAV1 antibody at 20 ug/mL.



Immunofluorescence of ZC3HAV1 in Hela cells with ZC3HAV1 antibody at 20 ug/mL.



Western blot analysis of ZC3HAV1 in HeLa cell lysate with ZC3HAV1 antibody at 1ug/mL in (A) the absence and (B) the presence of blocking peptide.

For Research Use Only. Not for use in diagnostic procedures.