BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

# Anti-ZC3HAV1 Antibody

**Catalog Number:** A04199-1

## 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, Mouse, Rat |
| Description | Boster Bio Anti-ZC3HAV1 Antibody catalog # A04199-1. Tested in WB, IHC, IP, ELISA applications. This antibody reacts with Human, Mouse, Rat. |
| Application | ELISA, IP, IHC, WB |
| Clonality | Polyclonal |
| Formulation | 500 ug/ml antibody with PBS, 0.02% NaN3, 1 mg stabilizing protein and 50% glycerol<br>*This antibody is supplied in a stabilized formulation.<br>Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required. |
| Storage Instructions | 12 months from date of receipt□-20°C as supplied. 6 months 2 to 8°C after reconstitution. Avoid repeated freezing and thawing. |
| Host | Rabbit |
| Uniprot ID | Q7Z2W4 |

## Technical Details

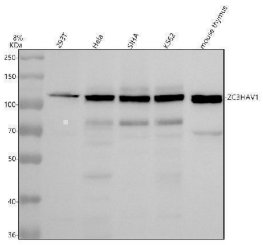
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|---|---|
| Immunogen | E.coli-derived human ZC3HAV1 recombinant protein (Position: M1-S353). |
| Form | Liquid |

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| Concentration | 500 ug/ml |
| Purification | Immunogen affinity purified. |
| Suggested Dilutions | Western blot, 1:500-2000<br>Immunohistochemistry, 1:50-400<br>Immunoprecipitation, 1:50<br>ELISA, 1:100-1000 |

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# Anti-ZC3HAV1 Antibody (A04199-1) Images




Western blot analysis of ZC3HAV1 using anti-ZC3HAV1 antibody (A04199-1). Electrophoresis was performed on a 8% SDS-PAGE gel at 80V (Stacking gel) / 120V (Resolving gel) for 2 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions. Lane 1: human 293T whole cell lysates, Lane 2: human Hela whole cell lysates, Lane 3: human SIHA whole cell lysates, Lane 4: human K562 whole cell lysates, Lane 5: mouse thymus tissue lysates.After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-ZC3HAV1 antigen affinity purified polyclonal antibody (A04199-1) at 1:1000 overnight at 4°C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:5000 for 1.5 hour at RT. The signal is developed using an ECL Plus Western Blotting Substrate (Catalog # AR1196-200) with Tanon 5200 system. A specific band was detected for ZC3HAV1 at approximately 101 kDa. The expected band size for ZC3HAV1 is at 101 kDa.

Anti-ZC3HAV1 Antibody

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