

## Rabbit anti-Human ZC3HAV1 Polyclonal Antibody | anti-ZC3HAV1 antibody

ZC3HAV1 Antibody

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                                                 |
|-----------|--------|------------|--------------------------------------------------------------|
| AAA40392  | Rabbit | Human      | Immunofluorescence, Immunocytochemistry, Western Blot, ELISA |

### PRODUCT SYNONYMS

ZC3HAV1; Polyclonal Antibody; ZC3HAV1 Antibody; ZAP; ZC3H2; ARTD13; PARP13; FLB6421; ZC3HDC2; PRO1677; Zinc finger CCCH-type antiviral protein 1; ADP-ribosyltransferase diphtheria toxin-like 13; zinc finger CCCH-type; antiviral 1; anti-ZC3HAV1 antibody

### PRODUCT SPECIFICATIONS

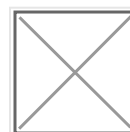
|                                                   |                                                                                                                                                                                                                                                               |
|---------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                              | Rabbit                                                                                                                                                                                                                                                        |
| Reactivity                                        | Human                                                                                                                                                                                                                                                         |
| Clonality                                         | Polyclonal                                                                                                                                                                                                                                                    |
| Isotype                                           | IgG                                                                                                                                                                                                                                                           |
| Purity/Purification                               | ZC3HAV1 Antibody is affinity chromatography purified via peptide column.                                                                                                                                                                                      |
| Form/Format                                       | Liquid                                                                                                                                                                                                                                                        |
| Concentration                                     | 1 mg/mL (varies by lot)                                                                                                                                                                                                                                       |
| Sequence Length                                   | 699                                                                                                                                                                                                                                                           |
| Applicable Applications for anti-ZC3HAV1 antibody | IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot), ELISA                                                                                                                                                                                  |
| Conjugate                                         | Unconjugated                                                                                                                                                                                                                                                  |
| Immunogen                                         | ZC3HAV1 antibody was raised against a 14 amino acid synthetic peptide near the carboxy terminus of human ZC3HAV1.                                                                                                                                             |
| Buffer                                            | ZC3HAV1 Antibody is supplied in PBS containing 0.02% sodium azide.                                                                                                                                                                                            |
| Preparation and Storage                           | ZC3HAV1 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures. |

### IMAGES



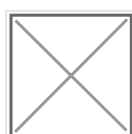
#### IF (Immunofluorescence)

Immunofluorescence of ZC3HAV1 in HeLa cells with ZC3HAV1 antibody at 20 µg/mL.



#### ICC (Immunocytochemistry)

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



#### WB (Western Blot)

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

ADDITIONAL INFORMATION

|                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-ZC3HAV1 antibody | ZC3HAV1 Antibody: 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. |
|-------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                          |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 27477138                                                                                                                                 |
| NCBI GeneID                      | 56829                                                                                                                                    |
| NCBI Accession #                 | NP_078901                                                                                                                                |
| NCBI GenBank Nucleotide #        | NM_024625.3                                                                                                                              |
| UniProt Accession #              | Q7Z2W4; Q8IW57; Q8TAJ3; Q96N79; Q9H8R9; Q9P0Y7; A4D1R2; A4D1S4                                                                           |
| Molecular Weight                 | 18,586 Da                                                                                                                                |
| NCBI Official Full Name          | zinc finger CCCH-type antiviral protein 1 isoform 2                                                                                      |
| NCBI Official Synonym Full Names | zinc finger CCCH-type, antiviral 1                                                                                                       |
| NCBI Official Symbol             | ZC3HAV1                                                                                                                                  |
| NCBI Official Synonym Symbols    | ZAP; ZC3H2; ARTD13; PARP13; FLB6421; ZC3HDC2                                                                                             |
| NCBI Protein Information         | zinc finger CCCH-type antiviral protein 1; zinc finger CCCH domain-containing protein 2; ADP-ribosyltransferase diphtheria toxin-like 13 |
| UniProt Protein Name             | Zinc finger CCCH-type antiviral protein 1                                                                                                |
| UniProt Gene Name                | ZC3HAV1                                                                                                                                  |
| UniProt Synonym Gene Names       | ZC3HDC2; ARTD13; ZAP                                                                                                                     |
| UniProt Entry Name               | ZCCHV_HUMAN                                                                                                                              |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.