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## anti-ZC3HAV1 antibody (C-Term)





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Quantity:	0.1 mg
Target:	ZC3HAV1
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ZC3HAV1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Enzyme Immunoassay (EIA)
Product Details	
Immunogen:	14 amino acid peptide near the carboxy terminus of human ZC3HAV1

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Cross-Reactivity (Details):	Species reactivity (tested):Human
Purification:	Affinity chromatography purified via peptide column

#### **Target Details**

l arget:	ZC3HAV1
Alternative Name:	ZC3HAV1 (ZC3HAV1 Products)
Background:	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

## **Target Details**

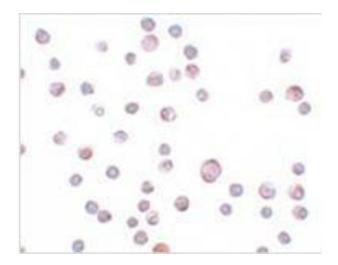
	nucleus and cytoplasm in a XPO1-dependent manner. ZAP is a direct target gene of IRF3 action
	in cellular antiviral responses. Synonyms: PRO1677, ZC3HDC2, Zinc finger CCCH domain-
	containing protein 2, Zinc finger CCCH-type antiviral protein 1, Zinc finger antiviral protein
Gene ID:	56829
NCBI Accession:	NP_064504
UniProt:	Q7Z2W4

## Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

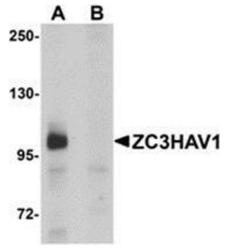
## Handling

Concentration:	1.0 mg/mL
Buffer:	PBS containing 0.02 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store the antibody (in aliquots) at -20 °C.



#### Immunofluorescence

**Image 1.** Immunocytochemistry of ZC3HAV1 in HeLa cells with ZC3HAV1 antibody at 20  $\mu g/ml$ .



#### **Western Blotting**

**Image 2.** Western blot analysis of ZC3HAV1 in HeLa cell lysate with ZC3HAV1 antibody at  $1\mu g/ml$  in (A) the absence and (B) the presence of blocking peptide.