

ZCCHV Rabbit pAb

CatalogNo: YN2501

| Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB, ELISA

MW

- 99kD (Observed)

Isotype

- IgG

| Recommended Dilution Ratios

WB 1:500-2000

ELISA 1:5000-20000

| Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

| Basic Information

Clonality Polyclonal

| Immunogen Information

Immunogen Synthesized peptide derived from human protein . at AA range: 211-260

Specificity ZCCHV Polyclonal Antibody detects endogenous levels of protein.

| Target Information

Gene name ZC3HAV1 ZC3HDC2 PRO1677

Protein Name	Zinc finger CCCH-type antiviral protein 1 (ADP-ribosyltransferase diphtheria toxin-like 13) (ARTD13) (Zinc finger CCCH domain-containing protein 2) (Zinc finger antiviral protein) (ZAP)		
	Organism	Gene ID	UniProt ID
	Human	56829;	Q7Z2W4;
	Mouse		Q3UPF5;
	Rat		Q8K3Y6;
Cellular Localization	[Isoform 1]: Cytoplasm . Nucleus . Localizes in the cytoplasm at steady state, but shuttles between nucleus and cytoplasm in a XPO1-dependent manner. .; [Isoform 2]: Cytoplasm .		
Tissue specificity	Brain,Endometrium,Epithelium,Fetal liver,Kidney,Ovarian car		
Function	Domain:The second and fourth zinc fingers are involved in binding to specific viral RNAs.,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.,similarity:Contains 1 PARP catalytic domain.,similarity:Contains 1 WWE domain.,similarity:Contains 4 C3H1-type zinc fingers.,subcellular location:Localizes in the cytoplasm at steady state, but shuttles between nucleus and cytoplasm in a XPO1-dependent manner.,subunit:Interacts with EXOSC5.,		

| Validation Data

| Contact information

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