

For Research Use Only

ZC3HAV1 Monoclonal ANTIBODY



Catalog Number: 66413-1-Ig

Basic Information

Catalog Number: 66413-1-Ig	GenBank Accession Number: BC025308	Purification Method: Protein G purification
Size: 150UL, Concentration: 1000 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 56829	CloneNo.: 1G10B9
Source: Mouse	Full Name: zinc finger CCCH-type, antiviral 1	Recommended Dilutions: WB 1:1000-1:6000 IHC 1:50-1:500 IF 1:50-1:500
Isotype: IgG1	Calculated MW: 699aa, 78 kDa; 902aa, 101 kDa	
Immunogen Catalog Number: AG10364	Observed MW: 100 kDa	

Applications

Tested Applications: IF, IHC, WB, ELISA	Positive Controls: WB: Jurkat cells, HEK-293 cells, HeLa cells IHC: human kidney tissue, IF: HepG2 cells,
Species Specificity: human	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Background Information

The zinc-finger antiviral protein (ZAP) was originally identified from a rat cDNA library due to its conferring resistance to retroviruses. ZC3HAV1 is a CCCH-type zinc finger protein, it may primarily function to inhibit viral gene expression and induce an innate immunity to viral infection. Alternative splicing occurs at this locus and two variants, each encoding distinct isoforms.

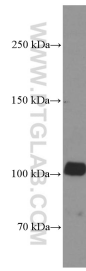
Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

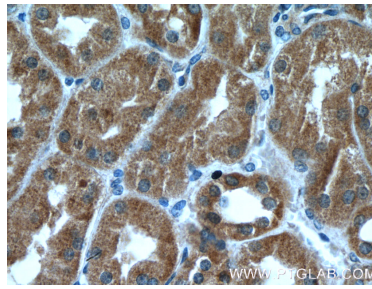
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

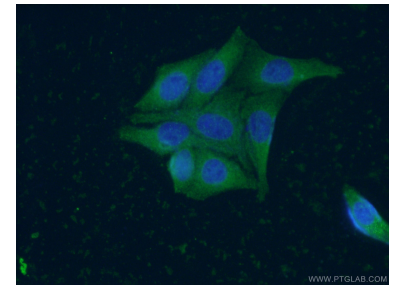
Selected Validation Data



Jurkat cells were subjected to SDS PAGE followed by western blot with 66413-1-Ig (ZC3HAV1 Antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 66413-1-Ig (ZC3HAV1 Antibody) at dilution of 1:300 (under 40x lens).



Immunofluorescent analysis of (-20 Ethanol) fixed HepG2 cells using 66413-1-Ig(ZC3HAV1 antibody) at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Mouse IgG(H+L).