

For Research Use Only

# DCPS Polyclonal antibody

Catalog Number: 28465-1-AP



## Basic Information

Catalog Number:

28465-1-AP

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG29351

GenBank Accession Number:

BC014532

GeneID (NCBI):

28960

UNIPROT ID:

Q96C86

Full Name:

decapping enzyme, scavenger

Calculated MW:

337 aa, 39 kDa

Observed MW:

35-40 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB: 1:500-1:1000

IHC: 1:50-1:500

IF/ICC: 1:200-1:800

## Applications

Tested Applications:

WB, IHC, IF/ICC, ELISA

Species Specificity:

human, mouse

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

Positive Controls:

WB : A549 cells, HeLa cells, HepG2 cells, mouse testis tissue

IHC : mouse testis tissue, human kidney tissue

IF/ICC : HeLa cells,

## Background Information

DcpS, which is a member of the histidine triad (HIT) superfamily of pyrophosphatases, is the first HIT protein with a defined biological function and identifies the HIT motif as a new mRNA decapping domain. DcpS can encode a 38-40 kDa protein, and has the potential to form a homodimer of 80 kDa (PMID: 12198172).

## Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

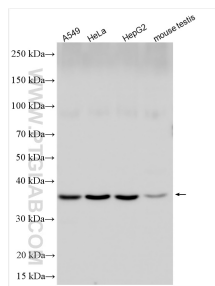
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

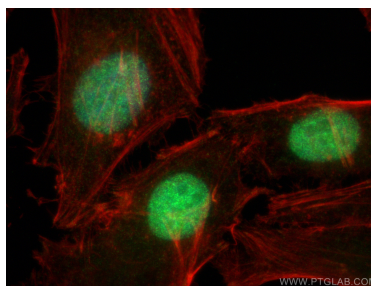
W: [ptgcn.com](http://ptgcn.com)

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

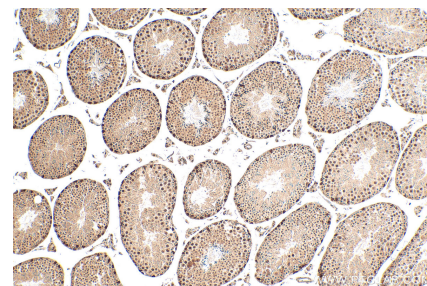
## Selected Validation Data



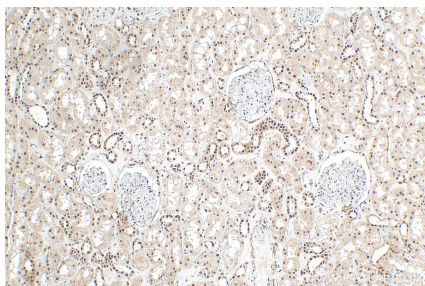
Various lysates were subjected to SDS PAGE followed by western blot with 28465-1-AP (DCPS antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using DCPS antibody (28465-1-AP) at dilution of 1:400 and Multi-rAb CoraLite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002), CL594-phalloidin (red).



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 28465-1-AP (DCPS antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 28465-1-AP (DCPS antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).