

For Research Use Only

DCPS Polyclonal antibody, PBS Only

Catalog Number:28465-1-PBS



Basic Information

Catalog Number:

28465-1-PBS

Size:

100ug , Concentration: 1 mg/ml by Nanodrop;

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

Applications

Tested Applications:

WB, IHC, IF/ICC, Indirect ELISA

Species Specificity:

human, mouse

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 -80°C.

Storage Buffer:

PBS only, pH7.3

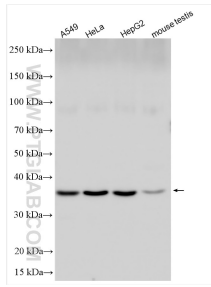
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

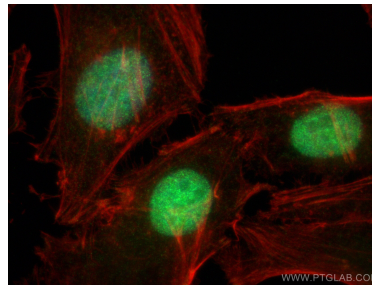
E: proteintech@ptglab.com
W: ptglab.com

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

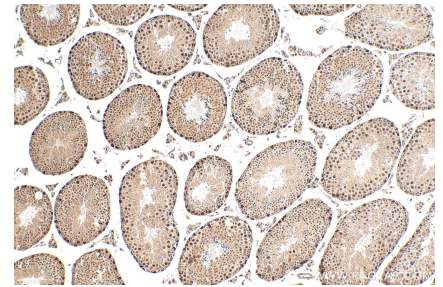
Selected Validation Data



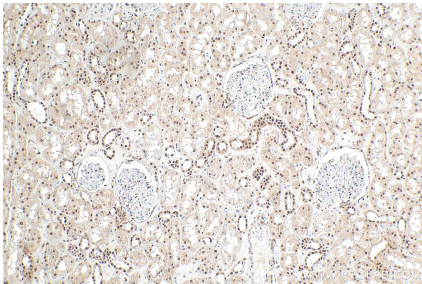
Various lysates were subjected to SDS PAGE followed by western blot with 28465-1-AP (DCPS antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 28465-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 28465-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 28465-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 28465-1-PBS in a different storage buffer formulation.