

For Research Use Only

DCP1A Recombinant antibody, PBS Only

Catalog Number: 85047-5-PBS



Basic Information

Catalog Number:

85047-5-PBS

Size:

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

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG18027

GenBank Accession Number:

BC007439

GeneID (NCBI):

55802

UNIPROT ID:

Q9NPI6

Full Name:

DCP1 decapping enzyme homolog A (S. cerevisiae)

Calculated MW:

582 aa, 63 kDa

Observed MW:

70-75 kDa

Purification Method:

Protein A purification

CloneNo.:

242553F2

Applications

Tested Applications:

WB, IF/ICC, Indirect ELISA

Species Specificity:

human, mouse, rat

Background Information

DCP1 decapping enzyme homolog A (S. cerevisiae), known as mRNA-decapping enzyme 1A (DCP1A), is necessary for the degradation of mRNAs, both in normal mRNA turnover and in nonsense-mediated mRNA decay. Removes the 7-methyl guanine cap structure from mRNA molecules, yielding a 5'-phosphorylated mRNA fragment and 7m-GDP. Contributes to the transactivation of target genes after stimulation by TGFβ1. This antibody specifically reacts with the 70kd DCP1A protein.

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

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

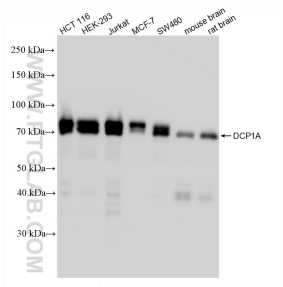
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E: proteintech@ptglab.com

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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 85047-5-RR (DCP1A antibody) at dilution of 1:30000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85047-5-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using DCP1A antibody (85047-5-RR, Clone: 242553F2) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red). This data was developed using the same antibody clone with 85047-5-PBS in a different storage buffer formulation.