

For Research Use Only

DCP1A Monoclonal antibody, PBS Only

Catalog Number: 60494-1-PBS



Basic Information

Catalog Number:

60494-1-PBS

Size:

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

Source:

Mouse

Isotype:

IgG2a

Immunogen Catalog Number:

AG18706

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 kDa

Purification Method:

Protein A purification

CloneNo.:

2D11E2

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human, mouse, rat, pig

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:

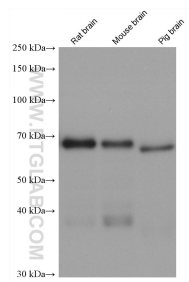
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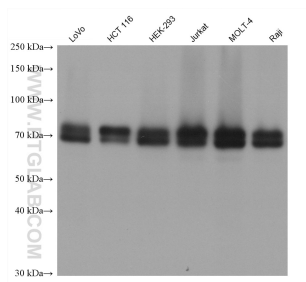
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 60494-1-Ig (DCP1A antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 60494-1-PBS in a different storage buffer formulation.



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