

For Research Use Only

DCP1A Monoclonal antibody

Catalog Number:60494-1-Ig



Basic Information

Catalog Number: 60494-1-Ig	GenBank Accession Number: BC007439	Purification Method: Protein A purification
Size: 150ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 55802	CloneNo.: 2D11E2
Source: Mouse	UNIPROT ID: Q9NPI6	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG2a	Full Name: DCP1 decapping enzyme homolog A (S. cerevisiae)	
Immunogen Catalog Number: AG18706	Calculated MW: 582 aa, 63 kDa	
	Observed MW: 70 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : LoVo cells, rat brain tissue, HCT 116 cells, HEK-293 cells, Jurkat cells, MOLT-4 cells, Raji cells, mouse brain tissue, pig brain tissue
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 TGFB1. This antibody specifically react with the 70kd DCP1A protein.

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

*** 20ul sizes contain 0.1% BSA

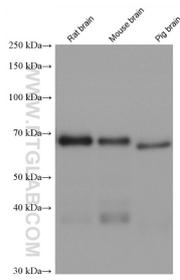
For technical support and original validation data for this product please contact:

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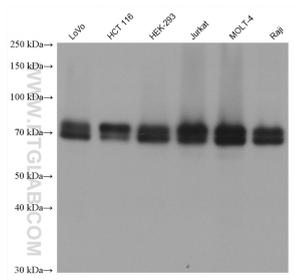
E: proteintech@ptglab.com
W: ptglab.com

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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.



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