

For Research Use Only

CoraLite® Plus 488-conjugated DCP1A Recombinant antibody

Catalog Number: CL488-85047-5



Basic Information

Catalog Number: CL488-85047-5	GenBank Accession Number: BC007439	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 55802	CloneNo.: 242553F2
Source: Rabbit	UNIPROT ID: Q9NPI6	Recommended Dilutions: IF/ICC: 1:50-1:500
Isotype: IgG	Full Name: DCP1 decapping enzyme homolog A (S. cerevisiae)	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG18027	Calculated MW: 582 aa, 63 kDa	
	Observed MW: 70-75 kDa	

Applications

Tested Applications: IF/ICC	Positive Controls: IF/ICC : HepG2 cells,
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.

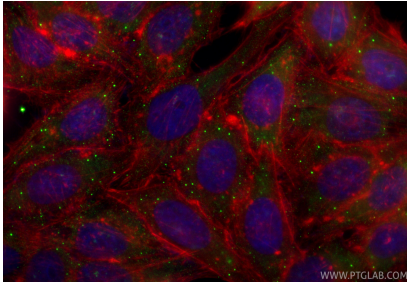
Storage

Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% glycerol, 0.05% Proclin300, 0.5% BSA, pH7.3
Aliquoting is unnecessary for -20°C storage

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
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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



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using CoraLite® Plus 488 DCP1A antibody (CL488-85047-5, Clone: 242553F2) at dilution of 1:200, CL594-Phalloidin (red).