

Datasheet for ABIN6991759
anti-DCP2 antibody (C-Term)



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Overview

Quantity:	0.1 mg
Target:	DCP2
Binding Specificity:	AA 340-390, C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DCP2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	DCP2 antibody was raised against an 18 amino acid synthetic peptide near the carboxy terminus of human DCP2. The immunogen is located within amino acids 340 - 390 of DCP2.
Isotype:	IgG
Specificity:	Multiple isoforms of DCP2 are known to exist.
Purification:	DCP2 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	DCP2
Alternative Name:	DCP2 (DCP2 Products)
Background:	DCP2 Antibody: The removal, or decapping, of eukaryotic mRNA is an important step in the

Target Details

degradation of mRNA. Decapping protein 2 (DCP2) is the major mRNA decapping enzyme in cells. It is a member of the Nudix hydrolases superfamily of proteins that predominantly catalyze the hydrolysis of small nucleoside diphosphate substrates linked to another moiety. DCP2 is widely expressed in multiple tissues at varying levels, with highest expression seen in testis and brain.

Molecular Weight:	46 kDa
Gene ID:	167227
NCBI Accession:	NP_689837
UniProt:	Q8IU60

Application Details

Application Notes:	DCP2 antibody can be used for detection of DCP2 by Western blot at 1 µg/mL. For immunofluorescence start at 20 µg/mL.
	Antibody validated: Western Blot in human samples and Immunofluorescence in human samples. All other applications and species not yet tested.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	DCP2 Antibody is supplied in PBS containing 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C, 4 °C
Storage Comment:	DCP2 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.