BOSTER BIOLOGICAL TECHNOLOGY
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Anti-m7GpppN-mRNA hydrolase DCP2 Antibody

Catalog Number: A02293

About DCP2

The removal, or decapping, of eukaryotic mRNA is an important step in the 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.

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Overview

Product Name	Anti-m7GpppN-mRNA hydrolase DCP2 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-m7GpppN-mRNA hydrolase DCP2 Antibody (Catalog # A02293). Tested in ELISA, WB, IF applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IF, WB
Clonality	Polyclonal
Formulation	DCP2 Antibody is supplied in PBS containing 0.02% sodium azide.
Storage Instructions	DCP2 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	Q8IU60

Technical Details

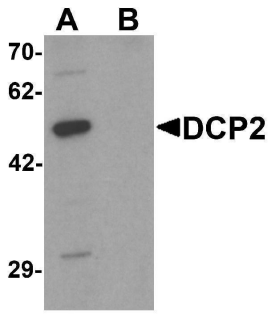
Immunogen	DCP2 antibody was raised against an 18 amino acid synthetic peptide near the carboxy terminus of human DCP2. The immunogen is located within amino acids 340 - 390 of DCP2.
Predicted Reactive Species	Chicken
Cross Reactivity	Multiple isoforms of DCP2 are known to exist.

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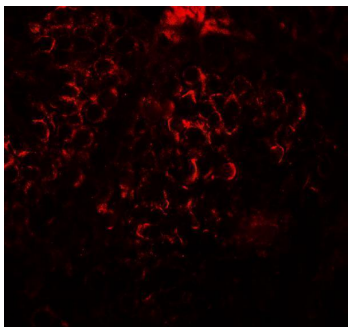
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	DCP2 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	DCP2 antibody can be used for detection of DCP2 by Western blot at 1 ug/mL. For immunofluorescence start at 20 ug/mL. Antibody validated: Western Blot in human samples and Immunofluorescence in human samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

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Anti-m7GpppN-mRNA hydrolase DCP2 Antibody (A02293) Images



Western blot analysis of DCP2 in 293 cell lysate with DCP2 antibody at 1 ug/mL in (A) the absence and (B) the presence of blocking peptide.



Immunofluorescence of DCP2 in human testis tissue with DCP2 antibody at 20 ug/mL.

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For Research Use Only. Not for use in diagnostic procedures.