



[Go to Product page](#)

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

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.