

DCP1B Antibody (center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP9888c

Specification

DCP1B Antibody (center) - Product Information

Application	WB, FC,E
Primary Accession	Q8IZD4
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Antigen Region	261-290

DCP1B Antibody (center) - Additional Information

Gene ID 196513

Other Names

mRNA-decapping enzyme 1B, 3---, DCP1B

Target/Specificity

This DCP1B antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 261-290 amino acids of human DCP1B.

Dilution

WB~~1:1000

FC~~1:10~50

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

DCP1B Antibody (center) is for research use only and not for use in diagnostic or therapeutic procedures.

DCP1B Antibody (center) - Protein Information

Name DCP1B

Function May play a role in the degradation of mRNAs, both in normal mRNA turnover and in nonsense-mediated mRNA decay. May remove the 7- methyl guanine cap structure from mRNA molecules, yielding a 5'- phosphorylated mRNA fragment and 7m-GDP (By similarity).

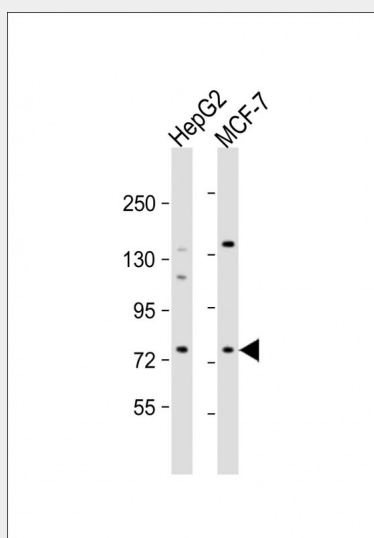
Cellular Location

Cytoplasm. Nucleus {ECO:0000250|UniProtKB:Q9NPI6}

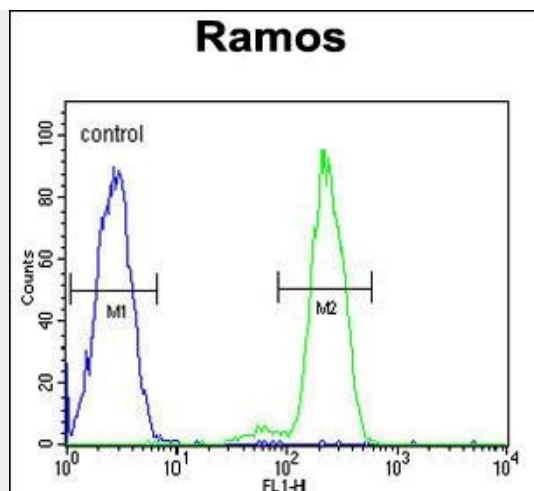
DCP1B Antibody (center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

DCP1B Antibody (center) - Images

All lanes : Anti-DCP1B Antibody (center) at 1:1000 dilution Lane 1: HepG2 whole cell lysate Lane 2: MCF-7 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 68 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



DCP1B Antibody (center) (Cat. #AP9888c) flow cytometric analysis of Ramos cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

DCP1B Antibody (center) - Background

DCP1B is a core component of the mRNA decapping complex, a key factor in the regulation of mRNA decay.

DCP1B Antibody (center) - References

- Beausoleil, S.A., et al. Nat. Biotechnol. 24(10):1285-1292(2006)
- Rush, J., et al. Nat. Biotechnol. 23(1):94-101(2005)
- Lehner, B., et al. Genome Res. 14(7):1315-1323(2004)
- Cougot, N., et al. J. Cell Biol. 165(1):31-40(2004)