

**DCP1B Antibody (center) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP9888c****Specification**

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**DCP1B Antibody (center) Blocking Peptide - Product Information**Primary Accession [Q8IZD4](#)**DCP1B Antibody (center) Blocking Peptide - Additional Information****Gene ID** 196513**Other Names**

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

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**DCP1B Antibody (center) Blocking Peptide - 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) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**DCP1B Antibody (center) Blocking Peptide - Images****DCP1B Antibody (center) Blocking Peptide - Background**

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

#### **DCP1B Antibody (center) Blocking Peptide - 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)