10320 Camino Santa Fe, Suite G
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DCP1B Antibody (center) Blocking Peptide

Synthetic peptide
Catalog # BP9888c

Specification

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

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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)