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DCC1 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP2874a

Specification

DCC1 Antibody (N-term) Blocking Peptide - Product Information

Primary Accession Q9BVC3

DCC1 Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 79075

Other Names
Sister chromatid cohesion protein DCC1, Defective in sister chromatid cohesion protein 1 homolog, DSCC1, DCC1

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP2874a was selected from the N-term region of human DCC1. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

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.

DCC1 Antibody (N-term) Blocking Peptide - Protein Information

Name DSCC1

Synonyms DCC1

Function
Loads PCNA onto primed templates regulating velocity, spacing and restart activity of replication forks. May couple DNA replication to sister chromatid cohesion through regulation of the acetylation of the cohesin subunit SMC3.

Cellular Location
Nucleus.

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DCC1 Antibody (N-term) Blocking Peptide - Protocols

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

- Blocking Peptides

DCC1 Antibody (N-term) Blocking Peptide - Images

DCC1 Antibody (N-term) Blocking Peptide - Background

DCC1 is involved in sister chromatid cohesion establishment. The protein may act as a PCNA loader, loading PCNA onto primed templates.

DCC1 Antibody (N-term) Blocking Peptide - References

Clark H.F., Gurney A.L.Genome Res. 13:2265-2270(2003) Merkle C.J., Karnitz L.M.J. Biol. Chem. 278:30051-30056(2003)