

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

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**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](/products/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.

**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)