

DCC1 Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP2874b**Specification**

DCC1 Antibody (C-term) Blocking peptide - Product Information

Primary Accession [O9BVC3](#)
Other Accession [NP_076999.2](#)

DCC1 Antibody (C-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

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 (C-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 (C-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

DCC1 Antibody (C-term) Blocking peptide - Images**DCC1 Antibody (C-term) Blocking peptide - Background**

CHTF18 (MIM 613201), CHTF8 (MIM 613202), and DSCC1 are components of an alternative replication factor C (RFC) (see MIM600404) complex that loads PCNA (MIM 176740) onto DNA during S phase of the cell cycle (Merkle et al., 2003 [PubMed 12766176]; Bermudez et al., 2003 [PubMed 12930902]).

DCC1 Antibody (C-term) Blocking peptide - References

Murakami, T., et al. J. Biol. Chem. 285(45):34608-34615(2010) Terret, M.E., et al. Nature 462(7270):231-234(2009) Watrin, E., et al. Curr. Biol. 16(9):863-874(2006) Bermudez, V.P., et al. Proc. Natl. Acad. Sci. U.S.A. 100(18):10237-10242(2003) Merkle, C.J., et al. J. Biol. Chem. 278(32):30051-30056(2003)