

**DSCC1 Polyclonal Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP58730****Specification****DSCC1 Polyclonal Antibody - Product Information**

|                                |                                                                                                                             |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Application                    | IHC-P, IHC-F, IF, ICC, E                                                                                                    |
| Primary Accession              | <a href="#">Q9BVC3</a>                                                                                                      |
| Reactivity                     | Rat, Dog, Bovine                                                                                                            |
| Host                           | Rabbit                                                                                                                      |
| Clonality                      | Polyclonal                                                                                                                  |
| Calculated MW                  | 45 KDa                                                                                                                      |
| Physical State                 | Liquid                                                                                                                      |
| Immunogen                      | KLH conjugated synthetic peptide derived from human DSCC1                                                                   |
| Epitope Specificity            | 301-393/393                                                                                                                 |
| Isotype                        | IgG                                                                                                                         |
| <b>Purity</b>                  |                                                                                                                             |
| affinity purified by Protein A |                                                                                                                             |
| Buffer                         | 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.                                                           |
| SUBCELLULAR LOCATION           | Nucleus.                                                                                                                    |
| SIMILARITY                     | Belongs to the DCC1 family.                                                                                                 |
| SUBUNIT                        | Component of the CTF18-RFC complex which consists of CTF8, CTF18, DSCC1 and the RFC complex. Interacts with CTF8 and CTF18. |
| Important Note                 | This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.   |

**Background Descriptions**

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.

**DSCC1 Polyclonal Antibody - Additional Information****Gene ID** 79075**Other Names**

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

**Dilution**

IHC-P~~N/A  
IHC-F~~N/A  
IF~~1:50~200  
ICC~~N/A  
E~~N/A

**Storage**

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

**DSCC1 Polyclonal Antibody - 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.

**DSCC1 Polyclonal Antibody - Protocols**

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**DSCC1 Polyclonal Antibody - Images**