




Product datasheet

Anti-DCC1 antibody ab168133

★★★★★ **1 Abreviews** **3 Images**

Overview

| | |
|----------------------------|---|
| Product name | Anti-DCC1 antibody |
| Description | Mouse polyclonal to DCC1 |
| Host species | Mouse |
| Tested applications | Suitable for: WB, ICC/IF |
| Species reactivity | Reacts with: Human Predicted to work with: Mouse  |
| Immunogen | Recombinant full length protein within Human DCC1 aa 1-400. The exact immunogen sequence used to generate this antibody is proprietary information. If additional detail on the immunogen is needed to determine the suitability of the antibody for your needs, please <u>contact</u> our Scientific Support team to discuss your requirements. Database link: <u>NP_076999.1</u> <div>  <u>Run BLAST with</u>  <u>Run BLAST with</u> </div> |
| Positive control | DCC1 transfected 293T cell lysate; A431 cell lysate; HeLa cells. |
| General notes | <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p> |

Properties

| | |
|-----------------------------|--|
| Form | Liquid |
| Storage instructions | Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. |
| Storage buffer | pH: 7.40 Constituent: 99% PBS |
| Purity | Protein A purified |
| Clonality | Polyclonal |
| Isotype | IgG |

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab168133 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| Application | Abreviews | Notes |
|-------------|-----------|---|
| WB | ★★★★★ (1) | Use a concentration of 1 µg/ml. Predicted molecular weight: 45 kDa. |
| ICC/IF | | Use a concentration of 10 µg/ml. |

Target

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.

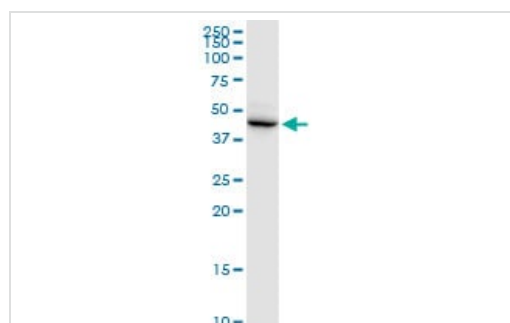
Sequence similarities

Belongs to the DCC1 family.

Cellular localization

Nucleus.

Images



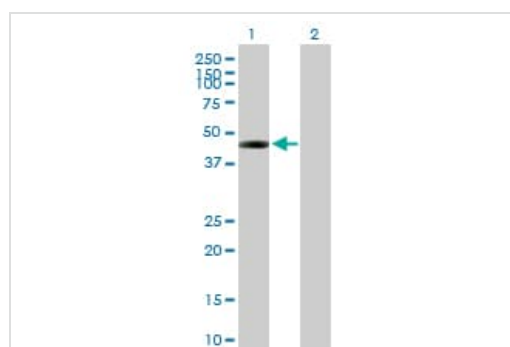
Western blot - Anti-DCC1 antibody (ab168133)

Anti-DCC1 antibody (ab168133) at 1 µg/ml + A431 cell lysate at 50 µg

Secondary

Goat Anti-Mouse IgG (H&L)-HRP at 1/2500 dilution

Predicted band size: 45 kDa



Western blot - Anti-DCC1 antibody (ab168133)

All lanes : Anti-DCC1 antibody (ab168133) at 1 µg/ml

Lane 1 : DCC1 transfected 293T cell lysate

Lane 2 : Non-transfected 293T cell lysate

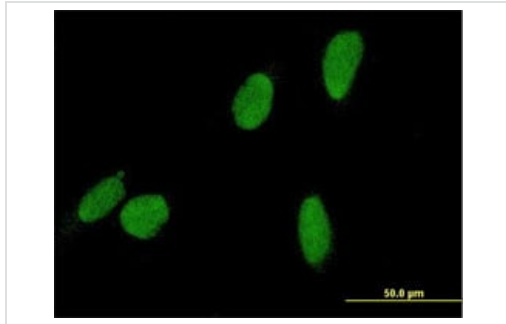
Lysates/proteins at 15 µl per lane.

Secondary

Lane 1 : Goat Anti-Mouse IgG (H&L)-HRP at 1/2500 dilution

Lane 2 : Goat Anti-Mouse IgG (H&L)-HRP at 1/2500 dilution

Predicted band size: 45 kDa



Immunofluorescence analysis of HeLa cells labeling DCC1 with ab168133 at 10 ug/ml.

Immunocytochemistry/ Immunofluorescence - Anti-DCC1 antibody (ab168133)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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