

Product datasheet

Anti-RECQ1 antibody ab89817

3 Images

Overview

| | |
|----------------------------|---|
| Product name | Anti-RECQ1 antibody |
| Description | Mouse polyclonal to RECQ1 |
| Host species | Mouse |
| Tested applications | Suitable for: ICC/IF, WB |
| Species reactivity | Reacts with: Human |
| Immunogen | Full length protein, corresponding to amino acids 1 - 694 of Human RECQ1 (NP_002898.2) |
| Positive control | HeLa cells nuclear lysate |
| General notes | <p>Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.</p> <p>Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.</p> <p>We are also planning to innovate the way in which we present recommended applications and species on our product datasheets, so that only applications & species that have been tested in our own labs, our suppliers or by selected trusted collaborators are covered by our Abpromise™ guarantee.</p> <p>In preparation for this, we have started to update the applications & species that this product is Abpromise guaranteed for.</p> <p>We are also updating the applications & species that this product has been “predicted to work with,” however this information is not covered by our Abpromise guarantee.</p> <p>Applications & species from publications and Abreviews that have not been tested in our own labs or in those of our suppliers are not covered by the Abpromise guarantee.</p> <p>Please check that this product meets your needs before purchasing. 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, as well as customer reviews and Q&As.</p> |

Properties

| | |
|-----------------------------|---|
| Form | Liquid |
| Storage instructions | Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. |

| | |
|-----------------------|-----------------------------------|
| Storage buffer | pH: 7.4 Constituent: 2.68% PBS |
| Purity | Protein A purified |
| Clonality | Polyclonal |
| Isotype | IgG |

Applications

Our [Abpromise guarantee](#) covers the use of **ab89817** 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 |
|-------------|-----------|---|
| ICC/IF | | Use a concentration of 10 µg/ml. |
| WB | | Use a concentration of 1 µg/ml. Predicted molecular weight: 73 kDa. |

Target

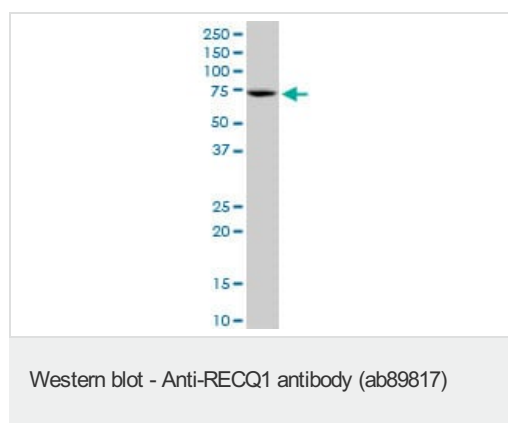
Relevance

The protein encoded by this gene is a member of the RecQ DNA helicase family. DNA helicases are enzymes involved in various types of DNA repair, including mismatch repair, nucleotide excision repair and direct repair. Some members of this family are associated with genetic disorders with predisposition to malignancy and chromosomal instability.

Cellular localization

Nuclear

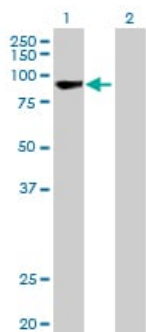
Images



Anti-RECQ1 antibody (ab89817) at 1 µg/ml + HeLa cells nuclear extracts at 50 µg

Predicted band size: 73 kDa

Observed band size: 73 kDa



Western blot - Anti-RECQ1 antibody (ab89817)

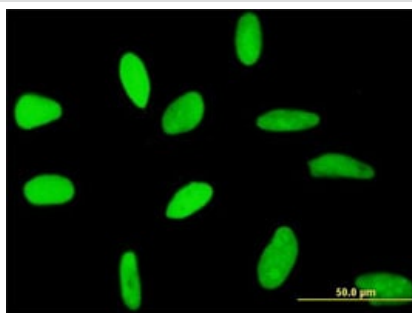
All lanes : Anti-RECQ1 antibody (ab89817) at 1 μ g/ml

Lane 1 : RECQ1 transfected 293T cell lysate

Lane 2 : Non-transfected lysate

Lysates/proteins at 25 μ g per lane.

Predicted band size: 73 kDa



Immunocytochemistry/ Immunofluorescence - Anti-RECQ1 antibody (ab89817)

ab89817 at 10 μ g/ml staining RECQ1 in PFA-fixed, permeabilized HeLa cells by immunofluorescence.

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

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- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
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