

Anti-RECQ1 antibody ab89817

[2 References](#) [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 | Recombinant full length protein within Human RECQ1 aa 1-700. 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 contact our Scientific Support team to discuss your requirements. |
| Positive control | HeLa cells nuclear lysate |
| 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. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. |
| Storage buffer | pH: 7.40 Constituent: 100% PBS |
| Purity | Protein A purified |
| Clonality | Polyclonal |
| Isotype | IgG |

Applications

The Abpromise guarantee

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

Function

DNA helicase that may play a role in the repair of DNA that is damaged by ultraviolet light or other mutagens. Exhibits a magnesium-dependent ATP-dependent DNA-helicase activity that unwinds single- and double-stranded DNA in a 3'-5' direction.

Tissue specificity

High expression in heart, lung, skeletal muscle and kidney, low expression in brain.

Sequence similarities

Belongs to the helicase family. RecQ subfamily.

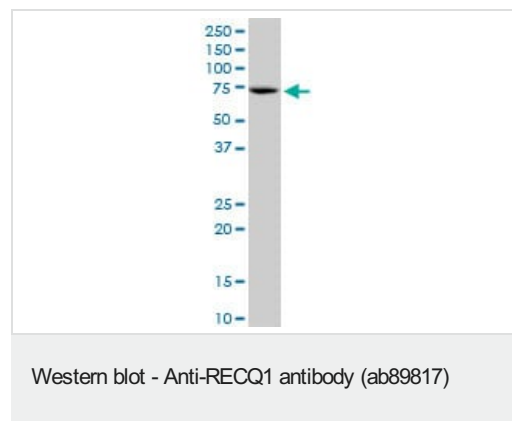
Contains 1 helicase ATP-binding domain.

Contains 1 helicase C-terminal domain.

Cellular localization

Nucleus.

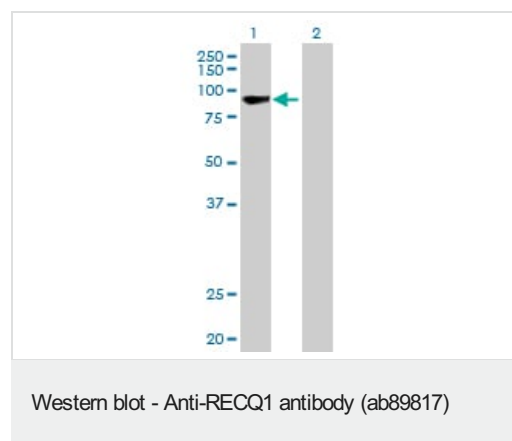
Images



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



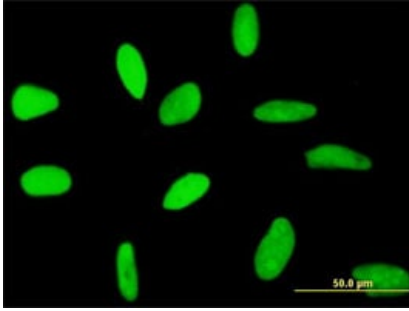
All lanes : Anti-RECQ1 antibody (ab89817) at 1 µg/ml

Lane 1 : RECQ1 transfected 293T cell lysate

Lane 2 : Non-transfected lysate

Lysates/proteins at 25 µg per lane.

Predicted band size: 73 kDa



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

Immunocytochemistry/ Immunofluorescence - Anti-RECQ1 antibody (ab89817)

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

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