




Product datasheet

Anti-U1-C antibody ab204504

3 Images

Overview

| | |
|----------------------------|--|
| Product name | Anti-U1-C antibody |
| Description | Rabbit polyclonal to U1-C |
| Host species | Rabbit |
| Tested applications | Suitable for: IHC-P, WB, ICC/IF |
| Species reactivity | Reacts with: Human Predicted to work with: Mouse, Rat, Chicken, Cow, Dog, Xenopus laevis, Zebrafish, Rhesus monkey, Xenopus tropicalis  |
| Immunogen | Recombinant fragment corresponding to Human U1-C aa 34-80. Sequence: VKDYQKWMEEQAQSLDKTTAAFQQGKIPPTPFSAPPPA GAMIPPP Database link: P09234  Run BLAST with  Run BLAST with |
| Positive control | Human testis tissue; RT-4 and U-251 MG cell lysates; MCF7 cells. |
| 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</p> |

customer reviews and Q&As.

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. Avoid freeze / thaw cycle. |
| Storage buffer | pH: 7.20 Preservative: 0.02% Sodium azide Constituents: 40% Glycerol (glycerin, glycerine), 59% PBS |
| Purity | Immunogen affinity purified |
| Clonality | Polyclonal |
| Isotype | IgG |

Applications

Our [Abpromise guarantee](#) covers the use of **ab204504** in the following tested applications.

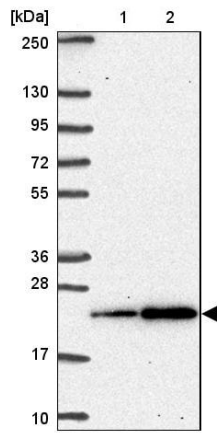
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| Application | Abreviews | Notes |
|-------------|-----------|---|
| IHC-P | | 1/200 - 1/500. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol. |
| WB | | Use a concentration of 0.04 - 0.4 µg/ml. Predicted molecular weight: 17 kDa. |
| ICC/IF | | Use a concentration of 0.25 - 2 µg/ml. |

Target

| | |
|------------------------------|--|
| Function | This protein is associated with snRNP U1. |
| Sequence similarities | Belongs to the U1 small nuclear ribonucleoprotein C family. Contains 1 matrin-type zinc finger. |
| Cellular localization | Nucleus. |

Images



Western blot - Anti-U1-C antibody (ab204504)

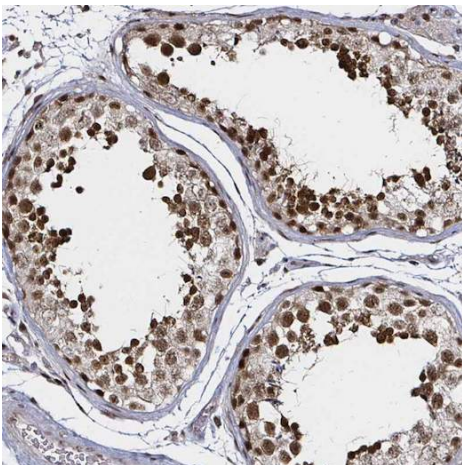
All lanes : Anti-U1-C antibody (ab204504) at 1/250 dilution

Lane 1 : RT-4 cell lysate

Lane 2 : U-251 MG cell lysate

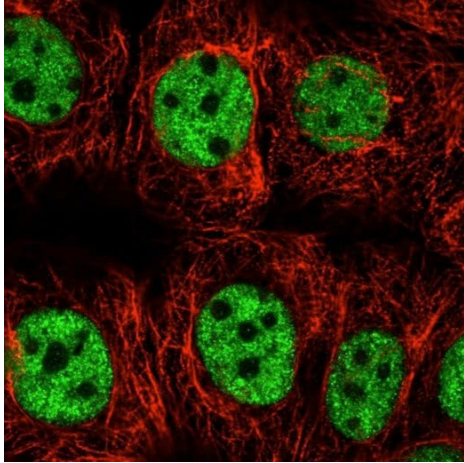
Developed using the ECL technique.

Predicted band size: 17 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-U1-C antibody (ab204504)

Immunohistochemical analysis of paraffin-embedded Human testis tissue labeling U1-C with ab204504 at 1/200 dilution.



Immunofluorescent analysis of PFA-fixed, Triton X-100 permeabilized MCF7 cells labeling U1-C with ab204504 at 4 µg/mL (green).

Immunocytochemistry/ Immunofluorescence - Anti-U1-C antibody (ab204504)

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

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