



Product datasheet

Anti-SNRNP200 antibody ab176715

[1 References](#) [3 Images](#)

Overview

Product name	Anti-SNRNP200 antibody
Description	Rabbit polyclonal to SNRNP200
Host species	Rabbit
Tested applications	Suitable for: IHC-P, WB, IP
Species reactivity	Reacts with: Mouse, Human
Immunogen	<p>Synthetic peptide within Human SNRNP200 aa 400-450. The exact sequence is proprietary.</p> <p>NP_054733.2</p> <p>Sequence:</p> <p>GEALAPRQVLDLEDLVFTQGSHFMANKRCQLPDGSFRR</p> <p>QRKGYEEVHHPA L</p> <p>Database link: O75643</p> <p> Run BLAST with  Run BLAST with</p>
Positive control	WB: HeLa, 293T, Jurkat and NIH3T3 whole cell lysates. IP: HeLa whole cell lysate. IHC-P: Human colon carcinoma tissue.
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. Avoid freeze / thaw cycle.
Storage buffer	<p>pH: 7</p> <p>Preservative: 0.09% Sodium azide</p> <p>Constituent: 99% Tris citrate/phosphate</p>

	pH 7.0-8.0
Purity	Immunogen affinity purified
Purification notes	ab176715 was affinity purified using an epitope specific to SNRNP200 immobilized on solid support.
Clonality	Polyclonal
Isotype	IgG

Applications

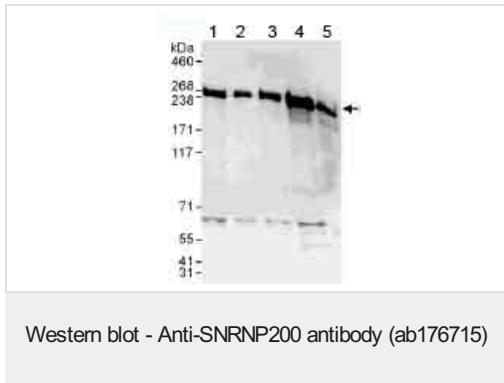
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab176715 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		1/1000.
WB		1/2000 - 1/10000. Predicted molecular weight: 245 kDa.
IP		Use at 2-10 µg/mg of lysate.

Target

Function	Putative RNA helicase involved in the second step of RNA splicing. May promote one or more conformational changes in the dynamic network of RNA-RNA interactions in the spliceosome. Appears to catalyze an ATP-dependent unwinding of U4/U6 RNA duplexes.
Tissue specificity	Widely expressed.
Involvement in disease	Defects in SNRNP200 are the cause of retinitis pigmentosa type 33 (RP33) [MIM:610359]. It is a retinal dystrophy belonging to the group of pigmentary retinopathies. Retinitis pigmentosa is characterized by retinal pigment deposits visible on fundus examination and primary loss of rod photoreceptor cells followed by secondary loss of cone photoreceptors. Patients typically have night vision blindness and loss of midperipheral visual field. As their condition progresses, they lose their far peripheral visual field and eventually central vision as well.
Sequence similarities	Belongs to the helicase family. SKI2 subfamily. Contains 2 helicase ATP-binding domains. Contains 2 helicase C-terminal domains. Contains 2 SEC63 domains.
Domain	Composed of two similar domains.
Cellular localization	Nucleus.

Images



All lanes : Anti-SNRNP200 antibody (ab176715) at 0.1 µg/ml

Lane 1 : HeLa whole cell lysate at 50 µg

Lane 2 : HeLa whole cell lysate at 15 µg

Lane 3 : 293T whole cell lysate at 50 µg

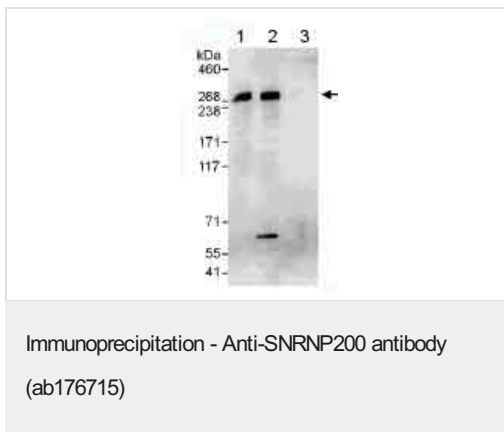
Lane 4 : Jurkat whole cell lysate at 50 µg

Lane 5 : NIH3T3 whole cell lysate at 50 µg

Developed using the ECL technique.

Predicted band size: 245 kDa

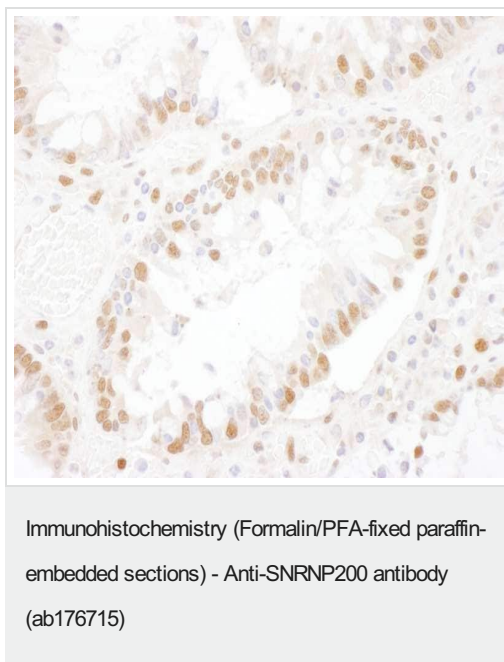
Exposure time: 30 seconds



SNRNP200 was immunoprecipitated from 1mg HeLa whole cell lysate using ab176715 at 6 µg/mg lysate (Lane 2), a rabbit anti-SNRNP200 antibody recognizing an upstream epitope (Lane 1) or control IgG (Lane 3). 20% of the Immunoprecipitate was loaded per lane and then immunobotted using ab176715 at 1.0 µg/ml.

Detection:

Chemiluminescence with exposure time of 10 seconds.



Immunohistochemical (Formalin/PFA-fixed paraffin-embedded sections) analysis of human colon carcinoma tissue sections using ab176715 at 1/1000 dilution (1 µg/mL).

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