

Product datasheet

Anti-U1A antibody ab167613

3 Images

Overview

Product name	Anti-U1A antibody
Description	Mouse polyclonal to U1A
Host species	Mouse
Tested applications	Suitable for: WB, ICC/IF
Species reactivity	Reacts with: Human
Immunogen	Full length protein corresponding to amino acids 1-282 of Human U1A (NP_004587.1). Run BLAST with ExPASy Run BLAST with NCBI
Positive control	HeLa cells. U1A transfected 293T cell line. Human liver tissue 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. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long

	term.
Storage buffer	pH: 7.4 Constituent: 99% PBS
Purity	Protein A purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab167613** in the following tested applications.

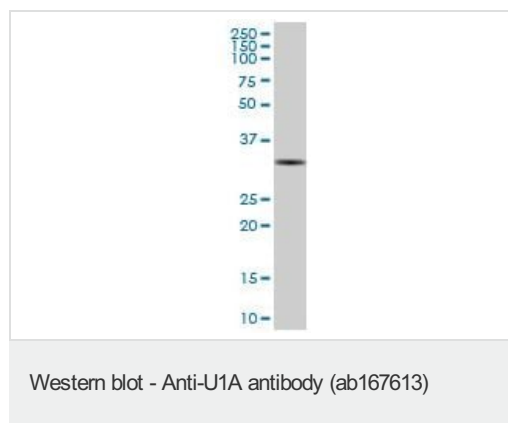
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 1 µg/ml. Predicted molecular weight: 31 kDa.
ICC/IF		Use a concentration of 10 µg/ml.

Target

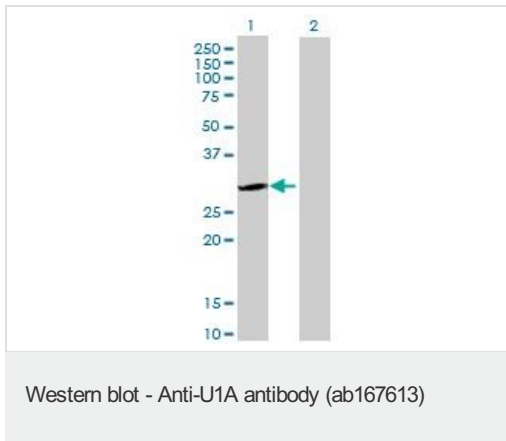
Function	Binds stem loop II of U1 snRNA. It is the first snRNP to interact with pre-mRNA. This interaction is required for the subsequent binding of U2 snRNP and the U4/U6/U5 tri-snRNP. In a snRNP-free form (SF-A) may be involved in coupled pre-mRNA splicing and polyadenylation process.
Sequence similarities	Belongs to the RRM U1 A/B" family. Contains 2 RRM (RNA recognition motif) domains.
Cellular localization	Nucleus.

Images



Anti-U1A antibody (ab167613) at 1 µg/ml + Human liver tissue lysate at 50 µg

Predicted band size: 31 kDa



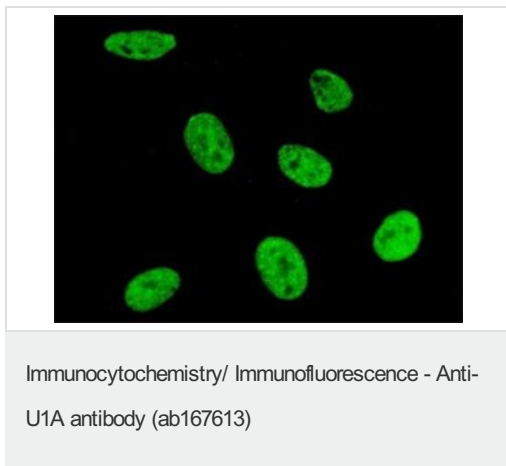
All lanes : Anti-U1A antibody (ab167613) at 1 µg/ml

Lane 1 : U1A transfected lysate 293T cell (31.02 KDa).

Lane 2 : Non-transfected 293T cell lysate

Lysates/proteins at 15 µl per lane.

Predicted band size: 31 kDa



Immunofluorescent analysis of HeLa cells labeling U1A with ab167613 at 10 µg/ml.

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

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