


Product datasheet

Anti-DDX21 antibody ab84394

1 References 2 Images

Overview

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<b>Product name</b>	Anti-DDX21 antibody
<b>Description</b>	Rabbit polyclonal to DDX21
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> IHC-P
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse, Human <b>Predicted to work with:</b> Rat, Horse, Dog, Pig, Chimpanzee, Rhesus monkey, Gorilla, Orangutan, Elephant 
<b>Immunogen</b>	Synthetic peptide corresponding to a region between residues 725 and the C-terminal (residue 783) of Human DDX21 (NP_004719.2)
<b>Positive control</b>	Human larynx squamous cell carcinoma. Mouse squamous cell carcinoma.
<b>General notes</b>	<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 &amp; 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 &amp; species that this product is Abpromise guaranteed for.</p> <p>We are also updating the applications &amp; species that this product has been “predicted to work with,” however this information is not covered by our Abpromise guarantee.</p> <p>Applications &amp; 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&amp;As.</p>

Properties

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<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
<b>Storage buffer</b>	pH: 6.8 Preservative: 0.09% Sodium azide Constituents: 0.1% BSA, Tris buffered saline
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

## Applications

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Our [Abpromise guarantee](#) covers the use of **ab84394** 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		1/100 - 1/500. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

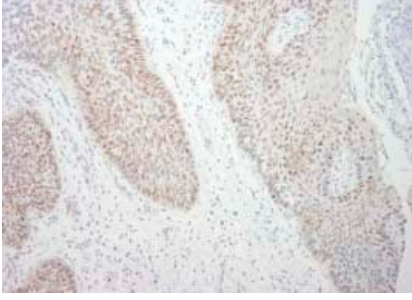
## Target

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<b>Function</b>	Can unwind double-stranded RNA (helicase) and can fold or introduce a secondary structure to a single-stranded RNA (foldase). Functions as cofactor for JUN-activated transcription. Involved in rRNA processing.
<b>Sequence similarities</b>	Belongs to the DEAD box helicase family. DDX21/DDX50 subfamily. Contains 1 helicase ATP-binding domain. Contains 1 helicase C-terminal domain.
<b>Domain</b>	The two enzymatic activities reside in two separate domains, the helicase in the N-terminus and the foldase in the C-terminus. The 3 X 5 AA repeats seem to be critical for the RNA folding activity.
<b>Cellular localization</b>	Nucleus > nucleolus.

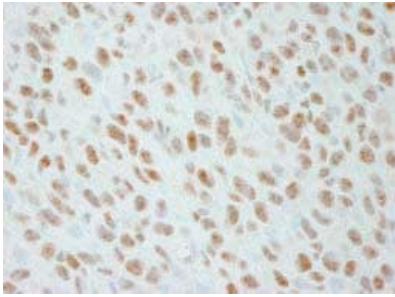
## Images

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Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-DDX21 antibody (ab84394)

Detection of Human DDX21 by Immunohistochemistry.  
Sample: FFPE section of Human larynx squamous cell carcinoma.  
Antibody: ab84394 used at a dilution of 1/250.  
Detection: DAB.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-DDX21 antibody (ab84394)

Detection of Mouse DDX21 by Immunohistochemistry.  
Sample: FFPE section of Mouse squamous cell carcinoma.  
Antibody: ab84394 used at a dilution of 1/250.  
Detection: DAB.

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

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
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- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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