

Product datasheet

Anti-ISY1 antibody ab121523

3 Images

Overview

Product name	Anti-ISY1 antibody
Description	Rabbit polyclonal to ISY1
Host species	Rabbit
Tested applications	Suitable for: IHC-P, ICC/IF
Species reactivity	Reacts with: Human
Immunogen	Recombinant fragment, corresponding to amino acids 174-285 of Human ISY1.
Positive control	Human stomach slides, RT-4, U-251 MG, human liver, and human tonsil 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 -20°C.

Storage buffer	pH: 7.20 Preservative: 0.02% Sodium azide Constituents: PBS, 40% Glycerol (glycerin, glycerine)
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab121523** in the following tested applications.

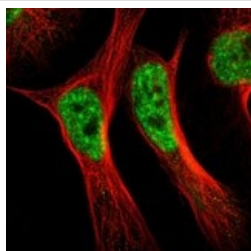
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		1/500 - 1/1000. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
ICC/IF		Use a concentration of 1 - 4 µg/ml. Fixation/Permeabilization: PFA/Triton X-100

Target

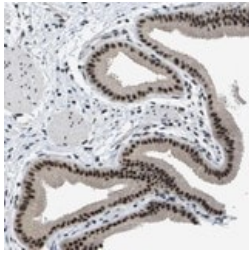
Function	May play a role in pre-mRNA splicing.
Sequence similarities	Belongs to the ISY1 family.
Post-translational modifications	Phosphorylated upon DNA damage, probably by ATM or ATR.
Cellular localization	Nucleus.

Images



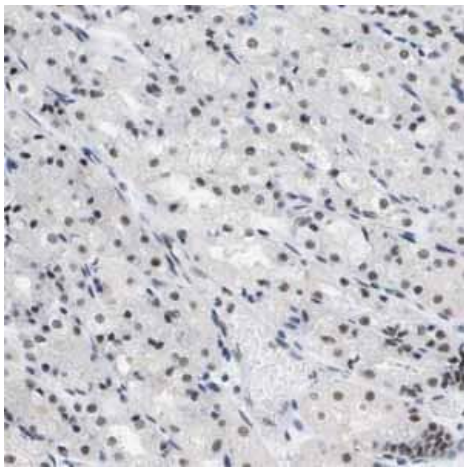
ab121523, at 1-4µg/mL, staining human cell line U-2 OS by immunofluorescence.

Immunocytochemistry/ Immunofluorescence - Anti-ISY1 antibody (ab121523)



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ISO1 antibody (ab121523)

ab121523, at 1/600 dilution, staining human stomach by immunohistochemistry on paraffin embedded tissues (IHC-P).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ISO1 antibody (ab121523)

Immunohistochemical staining of Human stomach shows nuclear positivity in glandular cells using ab121523

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

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- Response to your inquiry within 24 hours
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