

Product datasheet

Anti-PRHOXNB antibody ab122523

2 Images

Overview

Product name	Anti-PRHOXNB antibody
Description	Rabbit polyclonal to PRHOXNB
Host species	Rabbit
Tested applications	Suitable for: ICC/IF, IHC-P
Species reactivity	Reacts with: Human
Immunogen	antigen sequence, corresponding to amino acids 9-88 (MDLGEFVDVF GNATERCPLI AAVWSQRPF SDLEDLEKHF FAFIDALAQSG QEGILRCHP DLAGSELQRG TLTAESQREQ) of Human PRHOXNB. Run BLAST with ExPASy Run BLAST with NCBI
Positive control	Human small intestine tissue.
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. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
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 **ab122523** in the following tested applications.

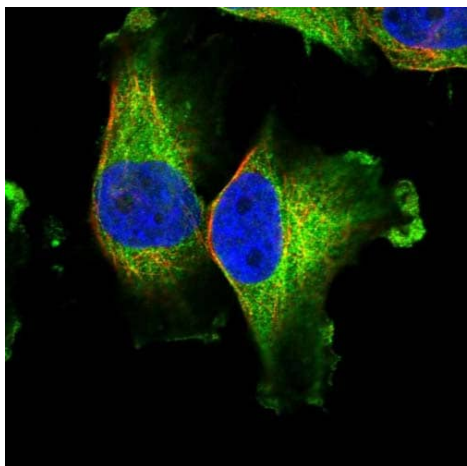
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
ICC/IF		Use a concentration of 1 - 4 µg/ml. Recommend PFA Fixation and Triton X-100 treatment
IHC-P		1/850. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

Target

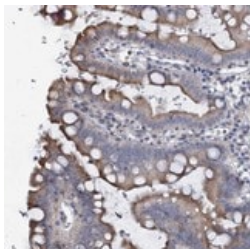
Function	Catalyzes the stereoselective decarboxylation of 2-oxo-4-hydroxy-4-carboxy-5-ureidoimidazoline (OHCU) to (S)-allantoin.
Tissue specificity	Apparently not expressed.
Pathway	Purine metabolism; urate degradation; (S)-allantoin from urate: step 3/3.
Sequence similarities	Belongs to the OHCU decarboxylase family.
Cellular localization	Peroxisome.

Images



Immunocytochemistry/ Immunofluorescence - Anti-PRHOXNB antibody (ab122523)

Immunofluorescent staining of Human cell line U-251 MG shows positivity in plasma membrane and cytoplasm. Recommended concentration of ab122523 1-4 $\mu\text{g/ml}$. Cells treated with PFA/Triton X-100.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PRHOXNB antibody (ab122523)

ab122523 at 1/850 dilution staining PRHOXNB in Paraffin-embedded Human small intestine tissue by Immunohistochemistry.

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

- We provide support in Chinese, English, French, German, Japanese and Spanish
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