

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 FAFIDALAQSGQEGILRCHP DLAGSELQRG TLTAESQREQ) of Human PRHOXNB. Run BLAST with Expasy Run BLAST with NCBI
Positive control	Human small intestine 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. 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

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab122523 in the following tested applications.

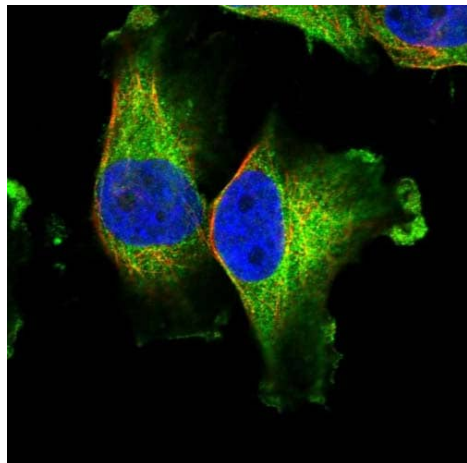
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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

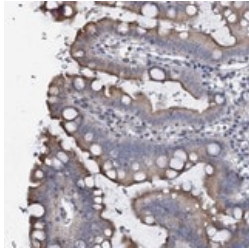
Function	Catalyzes the stereoselective decarboxylation of 2-oxo-4-hydroxy-4-carboxy-5-ureidoimidazoline (OHCU) to (S)-allantoin.
Tissue specificity	Apparently not expressed.
Pathway	Purine metabolism; urate degradation; (S)-allantoin from urate: step 3/3.
Sequence similarities	Belongs to the OHCU decarboxylase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

Images



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

Immunocytochemistry/ Immunofluorescence - Anti-PRHOXNB antibody (ab122523)



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

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

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

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