


Product datasheet

Anti-FOXI1 antibody ab153935

★☆☆☆☆ **1 Abreviews** [3 Images](#)

Overview

Product name	Anti-FOXI1 antibody
Description	Rabbit polyclonal to FOXI1
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P, ICC/IF
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat, Zebrafish 
Immunogen	Recombinant fragment, corresponding to a region within amino acids 76-262 of Human FOXI1 (Uniprot ID: Q12951).
Positive control	Human Huh7 xenograft tissue; HeLa cells; A549, HeLa, HepG2 and HCT116 whole cell lysates.
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. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.00 Preservative: 0.01% Thimerosal (merthiolate) Constituents: 1.21% Tris, 0.75% Glycine, 20% Glycerol (glycerin, glycerine)
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab153935 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		1/500 - 1/3000. Predicted molecular weight: 31 kDa.
IHC-P		1/100 - 1/1000. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol. Antigen retrieval also possible using Tris-EDTA buffer (pH8.0).
ICC/IF	★☆☆☆☆ (1)	1/100 - 1/1000.

Target

Function

Transcriptional activator required for the development of normal hearing, sense of balance and kidney function. Required for the expression of SLC26A4/PDS, JAG1 and COCH in a subset of epithelial cells and the development of the endolymphatic system in the inner ear. Also required for the expression of SLC4A1/AE1, SLC4A9/AE4, ATP6V1B1 and the differentiation of intercalated cells in the epithelium of distal renal tubules.

Tissue specificity

Expressed in kidney.

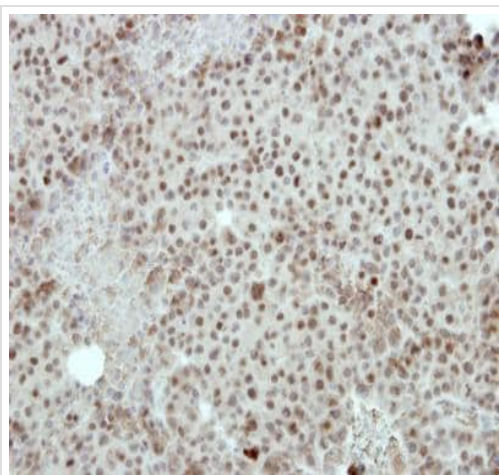
Sequence similarities

Contains 1 fork-head DNA-binding domain.

Cellular localization

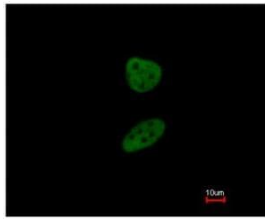
Nucleus.

Images

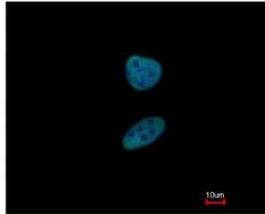


Immunohistochemical analysis of paraffin-embedded Human Huh7 xenograft tissue, labeling FOXI1 with ab153935 at 1/500 dilution.

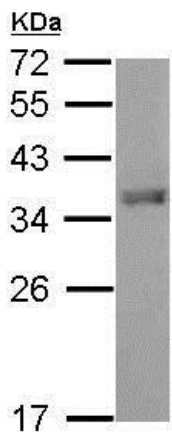
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-FOXI1 antibody (ab153935)



Immunofluorescent analysis of paraformaldehyde-fixed HeLa cells, labeling FOXI1 with ab153935 at 1/200 dilution. Lower image shows cells co-stained with Hoechst 33342.



Immunocytochemistry/ Immunofluorescence - Anti-FOXI1 antibody (ab153935)



Anti-FOXI1 antibody (ab153935) at 1/1000 dilution + HCT116 whole cell lysate at 30 µg

Predicted band size: 31 kDa

12% SDS PAGE

Western blot - Anti-FOXI1 antibody (ab153935)

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise,

please visit <https://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors