

Product datasheet

Anti-FOXI1 antibody ab20454

★★★★★ [1 Abreviews](#) [11 References](#) [1 Image](#)

Overview

Product name	Anti-FOXI1 antibody
Description	Goat polyclonal to FOXI1
Host species	Goat
Specificity	This antibody is expected to recognise both reported human isoforms.
Tested applications	Suitable for: WB, IHC-P, ChIP, IHC-Fr
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide within Human FOXI1 aa 350 to the C-terminus. The exact immunogen sequence used to generate this antibody is proprietary information. If additional detail on the immunogen is needed to determine the suitability of the antibody for your needs, please contact our Scientific Support team to discuss your requirements. Database link: Q12951

 [Run BLAST with](#)

 [Run BLAST with](#)

General notes

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.

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

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: Tris buffered saline, 0.5% BSA
Purity	Immunogen affinity purified
Purification notes	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab20454 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		Use at an assay dependent concentration. Predicted molecular weight: 41 kDa. Primary incubation 1 hour at room temperature.
IHC-P	★★★★★ (1)	Use at an assay dependent concentration. PubMed: 21303954
ChIP		Use at an assay dependent concentration. PubMed: 20972246
IHC-Fr		Use at an assay dependent concentration. PubMed: 16932748 An antigen retrieval method using SDS is described in PubMed 16932748 and PubMed 9072183.

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



Anti-FOXI1 antibody (ab20454) at 1 µg/ml + Human Testes lysate
(35µg protein in RIPA buffer)

Predicted band size: 41 kDa

Primary incubation 1 hour at room temperature. Detected by chemiluminescence.

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

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