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Datasheet for ABIN1714165  
**anti-FOXI1 antibody (AA 101-200)**

### Overview

Quantity:	100 µL
Target:	FOXI1
Binding Specificity:	AA 101-200
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FOXI1 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunocytochemistry (ICC)

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human FOXI1
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Dog,Cow,Sheep,Pig,Chicken,Rabbit
Purification:	Purified by Protein A.

### Target Details

Target:	FOXI1
Alternative Name:	FOXI1 ( <a href="#">FOXI1 Products</a> )

## Target Details

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**Background:** Synonyms: FKH10, FKHL10, Forkhead Drosophila like 10, Forkhead box I1, Forkhead box protein I1, Forkhead like 10, Forkhead related activator 6, Forkhead related transcription factor 6, Forkhead-related protein FKHL10, FREAC 6, FREAC6, Hepatocyte nuclear factor 3 forkhead homolog 3, HFH 3, HFH3, HNF 3/fork head homolog 3, HNF-3 fork-head homolog 3, Human HNF-3 fork-head homolog-3 HFH-3 mRNA complete cds, MGC34197, FOXI1\_HUMAN.

Background: FOXI1 is a member of the FOX family of transcription factors. The FOX family is a large group of proteins (consisting of at least 43 members) that share a common DNA binding domain termed winged-helix or forkhead domain. FOX transcription factors play important roles in development, differentiation, aging and hormone responsiveness. Localizing to the nucleus, FOXI1 functions as a transcription factor. Mice with mutated forms of FOXI1 show defects in ear development, implying that FOXI1 plays a significant role in the developmental pathway of ears and, in particular, the cochlea and vestibulum. FOXI1 is an upstream transcription regulator of Pendrin (a protein associated with deafness), suggesting a role for FOXI1 in the pathogenesis of Pendred syndrome (PS), a condition of nonsyndromic hearing loss and enlarged vestibular aqueduct (EVA).

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**Gene ID:** 2299

## Application Details

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**Application Notes:** ELISA 1:500-1000  
IHC-P 1:200-400  
IHC-F 1:100-500  
IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200  
ICC 1:100-500

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**Restrictions:** For Research Use only

## Handling

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**Format:** Liquid

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**Concentration:** 1 µg/µL

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**Buffer:** 0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

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**Preservative:** ProClin

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**Precaution of Use:** This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be

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## Handling

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handled by trained staff only.

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Storage: 4 °C,-20 °C

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Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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Expiry Date: 12 months