

Datasheet for ABIN1698850

anti-FOXI1 antibody (AA 101-200) (AbBy Fluor® 647)



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Overview

Quantity:	100 µL
Target:	FOXI1
Binding Specificity:	AA 101-200
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FOXI1 antibody is conjugated to AbBy Fluor® 647
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

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 (FOXI1 Products)
Background:	Synonyms: FKH10, FKHL10, Forkhead Drosophila like 10, Forkhead box I1, Forkhead box

Target Details

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).

Gene ID: 2299

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Handling

Expiry Date: 12 months