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FOXI1 Antibody (Center) Blocking peptide

Synthetic peptide
Catalog # BP12180c

Specification

FOXI1 Antibody (Center) Blocking peptide - Product Information

Primary Accession Q12951

FOXI1 Antibody (Center) Blocking peptide - Additional Information

Gene ID 2299

Other Names
Forkhead box protein I1, Forkhead-related protein FKHL10, Forkhead-related transcription factor 6, FREAC-6, Hepatocyte nuclear factor 3 forkhead homolog 3, HFH-3, HNF-3/fork-head homolog 3, FOXI1, FKHL10, FREAC6

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

FOXI1 Antibody (Center) Blocking peptide - Protein Information

Name FOXI1

Synonyms FKHL10, FREAC6

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 (By similarity).

Cellular Location
Nucleus.

Tissue Location
Expressed in kidney.

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FOXI1 Antibody (Center) Blocking peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

FOXI1 Antibody (Center) Blocking peptide - Images

FOXI1 Antibody (Center) Blocking peptide - Background

This gene belongs to the forkhead family of transcriptionfactors which is characterized by a distinct forkhead domain. Thespecific function of this gene has not yet been determined;however, it is possible that this gene plays an important role inthe development of the cochlea and vestibulum, as well asembryogenesis. Mutations in this gene may be associated with thecommon cavity phenotype. Two transcript variants encoding differentisoforms have been found for this gene.

FOXI1 Antibody (Center) Blocking peptide - References

Jonard, L., et al. Int. J. Pediatr. Otorhinolaryngol. 74(9):1049-1053(2010)Moreno-Estrada, A., et al. BMC Evol. Biol. 10, 267 (2010) :Vidarsson, H., et al. PLoS ONE 4 (2), E4471 (2009) :Ferrell, R.E., et al. Lymphat Res Biol 6(2):69-76(2008)Rodriguez-Antona, C., et al. Mol. Pharmacol. 63(5):1180-1189(2003)