

Product datasheet for **AP10059PU-N**

FOX11 (C-term) Goat Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, PEP-ELISA, WB
Recommended Dilution:	Peptide ELISA: 1/32000 (Detection Limit). Western blot: Preliminary experiments gave bands at approx 50 kDa and 25 kDa in Human Kidney lysate after 1ug/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the bands we observe given the predicted sizes of 41.0kDa according to NP_036320 (isoform a) and 30.8kDa according to NP_65892 (isoform b). The bands were successfully blocked by incubation with the immunizing peptide. Immunohistochemistry on Paraffin Sections: 2-4 µg/ml. In paraffin embedded Human Testis shows primarily nuclear staining in the primary spermatocytes. This product has been successfully used in Mouse Epididymus by anonymous customer.
Reactivity:	Human, Mouse
Host:	Goat
Clonality:	Polyclonal
Immunogen:	Peptide with sequence C-TSGVLYPREGTEV, from the C Terminus of the protein sequence according to NP_036320.2; NP_658982.1.
Specificity:	This antibody is expected to recognize both reported Human isoforms (NP_036320.2; NP_658982.1).
Formulation:	Tris saline, 0.02% Sodium Azide, pH~7.3 with 0.5% BSA State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Antigen Affinity Chromatography
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	forkhead box I1



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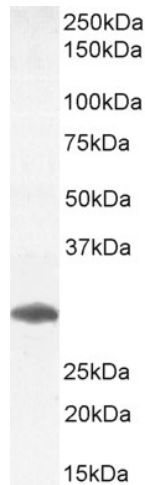
Database Link: [Entrez Gene 14233 Mouse](#)[Entrez Gene 2299 Human](#)
[Q12951](#)

Background: FOXI1 belongs to the forkhead family of transcription factors which are characterized by a distinct forkhead domain. This gene may play an important role in the development of the cochlea and vestibulum, as well as embryogenesis. Mutations in this gene may be associated with the common cavity phenotype. Two transcript variants encoding different isoforms have been found for this gene.

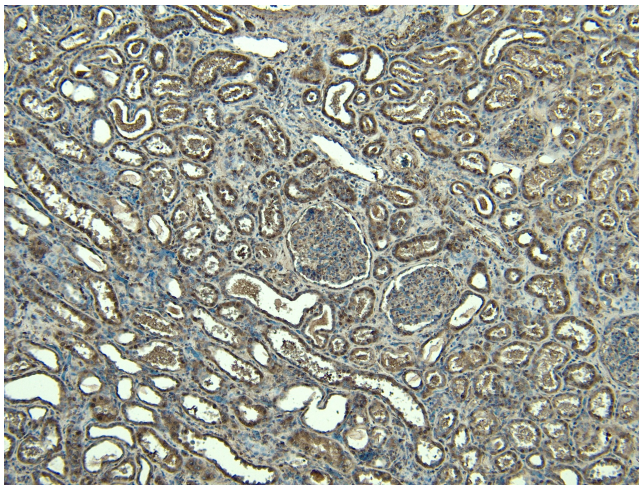
Synonyms: Forkhead box protein I1 ,FREAC6, HFH3

Protein Families: Transcription Factors

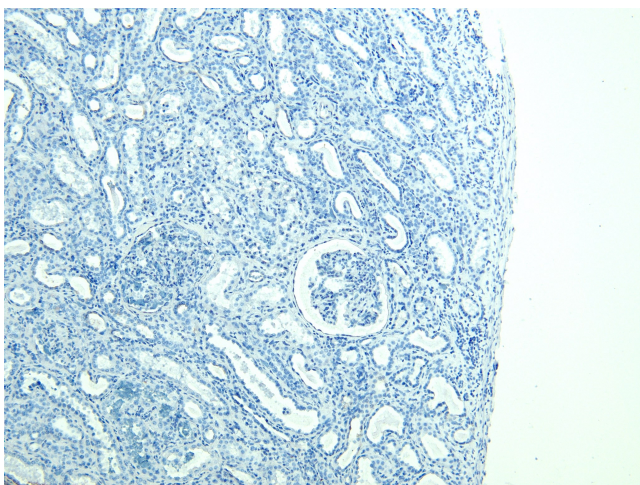
Product images:



B06019 (1 µg/ml) staining of Human Testes lysate (35 µg protein in RIPA buffer). Detected by chemiluminescence.



AP10059PU-N (6 µg/ml) staining of paraffin embedded Human Kidney. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.



AP10059PU-N Negative Control showing staining of paraffin embedded Human Kidney, with no primary antibody.