10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

PAX2 antibody - middle region

Rabbit Polyclonal Antibody
Catalog # AI16253

Product Information

Application	WB, IHC
Primary Accession	Q02962
Other Accession	NM_003988, NP_003979
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Dog, Guinea Pig, Bovine, Sheep
Predicted	Human, Mouse, Rat, Rabbit, Pig, Chicken, Dog, Guinea Pig, Bovine, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	44706

Additional Information

Gene ID	5076
Other Names	Paired box protein Pax-2, PAX2
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 100 ul of distilled water. Final anti-PAX2 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	PAX2 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	PAX2
Function	Transcription factor that may have a role in kidney cell differentiation (PubMed:24676634). Has a critical role in the development of the urogenital tract, the eyes, and the CNS.
Cellular Location	Nucleus.
Tissue Location	Expressed in primitive cells of the kidney, ureter, eye, ear and central nervous system

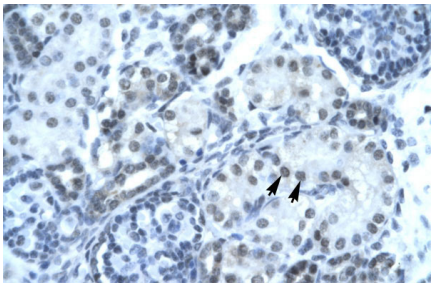
Background

Transcription factor that may have a role in kidney cell differentiation (PubMed: 24676634). Has a critical role in the development of the urogenital tract, the eyes, and the CNS.

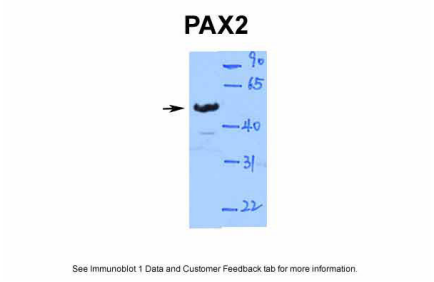
References

Eccles M.R.,et al.Cell Growth Differ. 3:279-289(1992).
Ward T.A.,et al.Cell Growth Differ. 5:1015-1021(1994).
Sanyanusin P.,et al.Genomics 35:258-261(1996).
Deloukas P.,et al.Nature 429:375-381(2004).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.

Images



Rabbit Anti-PAX2 Antibody
Paraffin Embedded Tissue: Human Kidney
Cellular Data: Epithelial cells of renal tubule
Antibody Concentration: 4.0-8.0 µg/ml
Magnification: 400X



WB Suggested Anti-PAX2 Antibody Titration: 1.0µg/ml
ELISA Titer: 1:312500
Positive Control: Fetal Kidney

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.