

PAX2 antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI16253**Specification**

PAX2 antibody - middle region - Product Information

Application	WB, IHC
Primary Accession	Q02962
Other Accession	NM_003988 , NP_003979
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Sheep, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Rabbit, Pig, Chicken, Sheep, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	45kDa KDa

PAX2 antibody - middle region - 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.

PAX2 antibody - middle region - 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

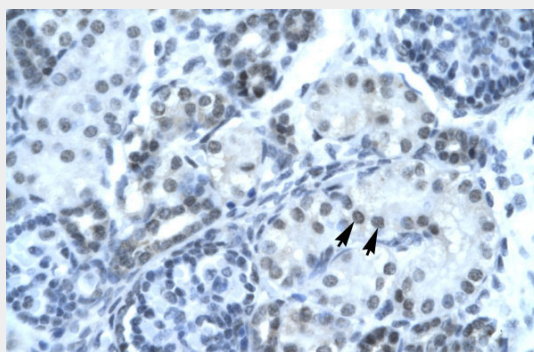
Expressed in primitive cells of the kidney, ureter, eye, ear and central nervous system

PAX2 antibody - middle region - Protocols

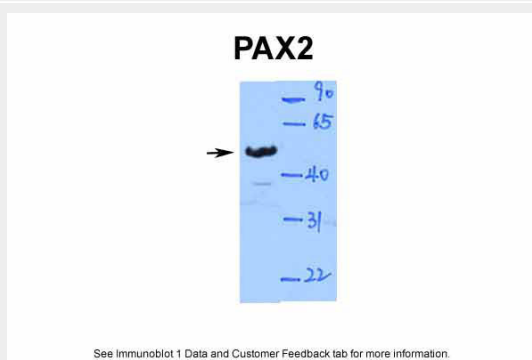
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

PAX2 antibody - middle region - 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

PAX2 antibody - middle region - 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.

PAX2 antibody - middle region - 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.