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Anti-PAX2 Antibody

Catalog # AP51416

Product Information

Application	WB, IHC
Primary Accession	Q02962
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	44706

Additional Information

Gene ID	5076
Other Names	Paired box protein Pax-2
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human PAX2. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) IHC~~1:100~500
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

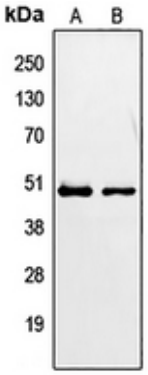
Name	PAX2
Function	Transcription factor that may have a role in kidney cell differentiation (PubMed:24676634). Has a critical role in the development of the urogenital tract, the eyes, and the CNS.
Cellular Location	Nucleus.
Tissue Location	Expressed in primitive cells of the kidney, ureter, eye, ear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

References

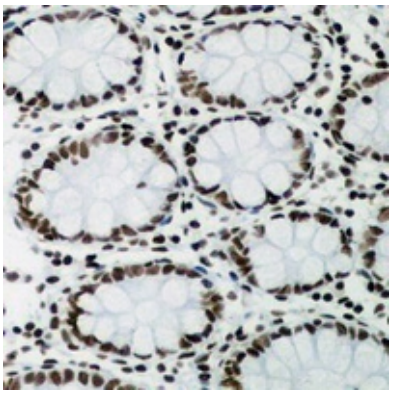
Eccles M.R.,et al.Cell Growth Differ. 3:279-289(1992).
Ward T.A.,et al.Cell Growth Differ. 5:1015-1021(1994).
Sanyanusin P.,et al.Genomics 35:258-261(1996).

Deloukas P.,et al.Nature 429:375-381(2004).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.

Images



Western blot analysis of PAX2 expression in MCF7 (A), K562 (B) whole cell lysates. (Predicted band size: 41; 42; 44 kD; Observed band size: 47 kD)



Immunohistochemical analysis of PAX2 staining in human colon formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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