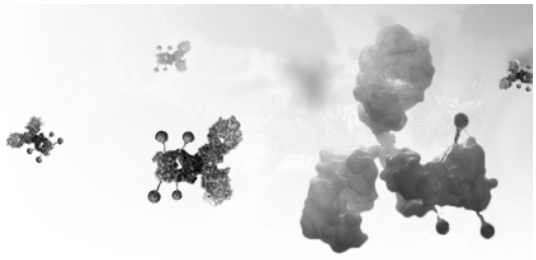

Rabbit Anti-Human PAX2 Monoclonal Antibody, clone CQ7155 (CABT-Z215R)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	Synthetic peptide corresponding to PAX-2 residues within aa300-400 of PAX-2 was used as an immunogen.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	CQ7155
Purification	ProA affinity purified IgG.
Conjugate	Unconjugated
Applications	IHC-P Recommended concentration: IHC-P: 1:100-1:200
Molecular Weight	45 kDa
Cellular Localization	Nucleus
Positive Control	Kidney
Format	Liquid
Concentration	Lot specific
Size	100 µl

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Buffer	PBS 59%, Sodium azide 0.01%, Glycerol 40%, BSA 0.05%.
Preservative	0.01% Sodium azide
Storage	Store at -20 °C. Avoid freeze/thaw cycles.
Ship	Wet ice

BACKGROUND

Introduction	PAX-2 is a member of the PAX family of transcription factors that, together with PAX-8, is involved in the regulation of the organogenesis of the kidney and the Müllerian system.Among the non-neoplastic tissue, PAX-2 was expressed in glomerular parietal epithelial cells, renal collecting duct cells, atrophic renal tubular cells, epithelial cells of ovarian surface, fallopian tube, endocervix, endometrium. Among the primary neoplasms, PAX-2 was mainly noted in renal cell carcinoma, carcinomas of Müllerian origin, nephrogenic adenomas.Recent investigations have indicated that PAX-2 could serve as a useful immunohistochemical marker that can assist in the diagnosis of epithelial tumors of the kidney, as well as some gynecologic (Müllerian) neoplasms.
Keywords	PAX2; paired box 2; PAPRS; paired box protein Pax-2; paired box homeotic gene 2

GENE INFORMATION

Gene Name	PAX2
Entrez Gene ID	5076
UniProt ID	Q02962

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