



# Recombinant 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

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

<b>Size</b>	100 µl
<b>Buffer</b>	PBS 59%, Sodium azide 0.01%, Glycerol 40%, BSA 0.05%.
<b>Preservative</b>	0.01% Sodium azide
<b>Storage</b>	Store at -20 °C. Avoid freeze/thaw cycles.
<b>Ship</b>	Wet ice

## BACKGROUND

<b>Introduction</b>	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.
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<b>Keywords</b>	PAX2; paired box 2; PAPRS; paired box protein Pax-2; paired box homeotic gene 2
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## GENE INFORMATION

<b>Gene Name</b>	PAX2
<b>Entrez Gene ID</b>	<a href="#">5076</a>
<b>UniProt ID</b>	<a href="#">Q02962</a>