

For Research Use Only

# PAX2 Polyclonal antibody

Catalog Number: 21385-1-AP **9 Publications**



## Basic Information

<b>Catalog Number:</b> 21385-1-AP	<b>GenBank Accession Number:</b> BC148710	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 427 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 5076	
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q02962	
<b>Isotype:</b> IgG	<b>Full Name:</b> paired box 2	
<b>Immunogen Catalog Number:</b> AG16020	<b>Calculated MW:</b> 431 aa, 46 kDa	

## Applications

**Tested Applications:**  
ELISA

**Cited Applications:**  
WB, IF, IHC

**Species Specificity:**  
human

**Cited Species:**  
human, mouse

## Background Information

PAX2 is a transcription factor, primarily expressed during embryonic development. It has a critical role in the development of the urogenital tract, the eyes, and the CNS. It plays a key role during renal development and to act as an oncogene favoring renal tumor growth. PAX2 was suggested as a sensitive and highly specific marker for renal cell carcinoma (RCC).

## Notable Publications

Author	Pubmed ID	Journal	Application
Victor V Chizhikov	33246067	Neuroscience	IHC
Patrick Deacon	31685872	Sci Rep	IF
Igor Y Iskusnykh	29772246	Exp Neurol	IHC

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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## Selected Validation Data