

For Research Use Only

# PAX2 Polyclonal antibody, PBS Only

Catalog Number: 29307-1-PBS



## Basic Information

Catalog Number:

29307-1-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG30717

GenBank Accession Number:

BC148710

GeneID (NCBI):

5076

UNIPROT ID:

Q02962

Full Name:

paired box 2

Calculated MW:

431 aa, 46 kDa

Observed MW:

45 kDa

Purification Method:

Antigen affinity purification

## Applications

Tested Applications:

WB, IHC, Indirect ELISA

Species Specificity:

human, mouse, rat

## 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).

## Storage

Storage:

Store at -80°C.

**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

Storage Buffer:

PBS only, pH7.3

For technical support and original validation data for this product please contact:

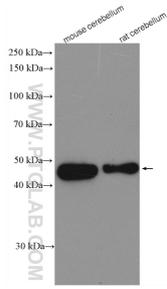
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

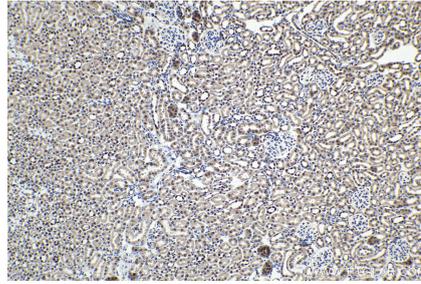
W: [ptgcn.com](http://ptgcn.com)

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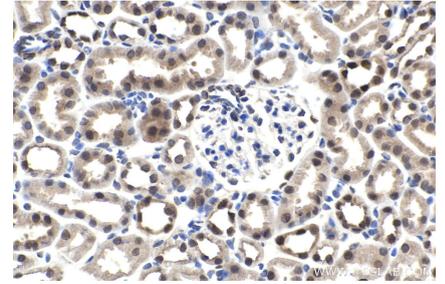
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 29307-1-AP (PAX2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 29307-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 29307-1-AP (PAX2 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 29307-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 29307-1-AP (PAX2 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 29307-1-PBS in a different storage buffer formulation.