For Research Use Only

PAX2 Polyclonal antibody

Catalog Number:21385-1-AP 9 Publications

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Basic Information

Catalog Number:
21385-1-AP

Size:
150ul , Concentration: 427 µg/ml by Bradford method using BSA as the standard;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG16020

GenBank Accession Number:
BC148710

GeneID (NCBI):
5076

Full Name:
paired box 2

Calculated MW:
431 aa, 46 kDa

Purification Method:
Antigen affinity purification

Applications

Tested Applications:
ELISA

Cited Applications:
IF, IHC, WB

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**

Selected Validation Data