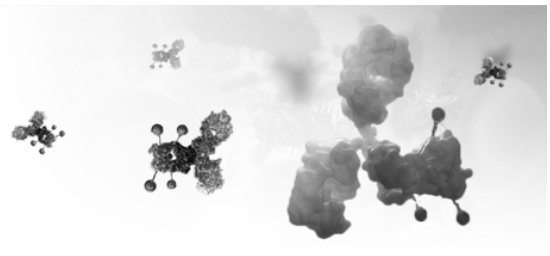

Anti-PAX2 (aa 188-385) polyclonal antibody (DPABH-27948)

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

PRODUCT INFORMATION

Antigen Description	Pax2 is a transcription factor critically required during the development of the nervous and excretory systems, including the midbrain, hindbrain, spinal cord, eye, ear and urogenital tract. Like other products of the Pax gene family, Pax2 encodes a conserved 128 amino acid paired box DNA-binding domain in the N-terminal portion of the molecule. Function: Probable transcription factor that may have a role in kidney cell differentiation. Has a critical role in the development of the urogenital tract, the eyes, and the CNS. Tissue specificity: Expressed in primitive cells of the kidney, ureter, eye, ear and central nervous system.
Specificity	Recognizes Pax-2A and Pax-2B.
Immunogen	Recombinant fragment, corresponding to mouse amino acids 188/385 of Pax2
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Mouse, Chicken, Human, Xenopus laevis, Zebrafish
Purification	IgG fraction
Conjugate	Unconjugated
Applications	IHC-Fr, Gel supershift assays, WB, ICC/IF
Format	Liquid
Size	100 µl
Buffer	Constituent: PBS
Preservative	Preservative: 0.03% Thimerosal (merthiolate)
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

GENE INFORMATION

Gene Name	Pax2 paired box gene 2 [Mus musculus]
Official Symbol	Pax2
Synonyms	PAX2; paired box gene 2; paired box protein Pax-2; optic disc coloboma; Opdc; Pax-2;
Entrez Gene ID	18504
mRNA Refseq	NM_011037
Protein Refseq	NP_035167
UniProt ID	P32114
Pathway	Id Signaling Pathway; Wnt Signaling Pathway NetPath;
Function	C2H2 zinc finger domain binding; DNA binding; core promoter proximal region sequence-specific DNA binding; protein binding; sequence-specific DNA binding transcription factor activity; superoxide-generating NADPH oxidase activity; transcription regulatory