

Pax2 Polyclonal Antibody | anti-PAX2 antibody

Anti-Pax2 Antibody

CATALOG # AAA46396	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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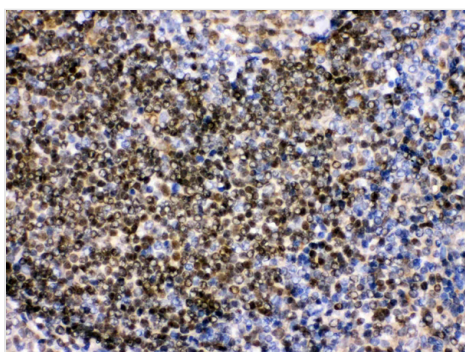
PRODUCT SYNONYMS

Pax2; Polyclonal Antibody; Anti-Pax2 Antibody; Paired box protein Pax-2; Paired box 2; Paired box gene 2; paired box homeotic gene 2; paired box protein 2; Paired box protein Pax 2; Paired box protein Pax2; Pax 2; paired box 2; anti-PAX2 antibody

PRODUCT SPECIFICATIONS

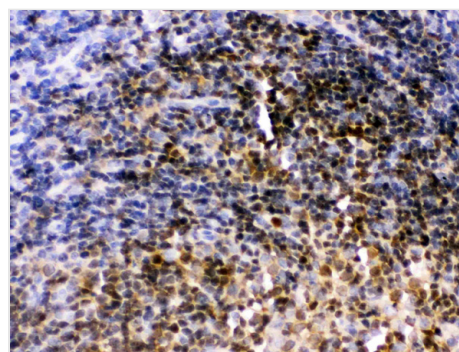
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Immunogen Affinity Purified
Form/Format	Lyophilized. Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg NaN ₃ .
Sequence Length	394
Applicable Applications for anti-PAX2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human Pax2 (248-282aa RKHLRADTFTQQLEALDRVFERPSYPDVFAQSEH), identical to the related mouse sequence.
Ig Type	Rabbit IgG
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquoted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



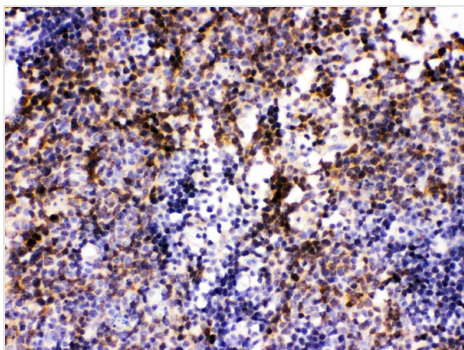
IHC (Immunohistochemistry)

Anti- Pax2 Picoband antibody, AAA46396,IHC(P)IHC(P): Human Tonsil Tissue



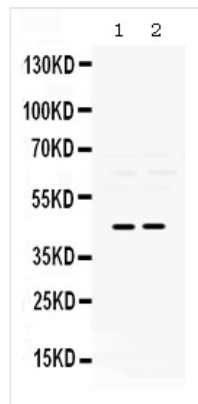
IHC (Immunohistochemistry)

Anti- Pax2 Picoband antibody, AAA46396,IHC(P)IHC(P): Rat Lymphaden Tissue



IHC (Immunohistochemistry)

Anti- Pax2 Picoband antibody, AAA46396,IHC(P)IHC(P): Mouse Lymphaden Tissue



WB (Western Blot)

Anti- Pax2 Picoband antibody, AAA46396, Western blottingAll lanes: Anti Pax2 (AAA46396) at 0.5ug/mlLane 1: Rat Brain Tissue Lysate at 50ugLane 2: Rat Lung Tissue Lysate at 50ugPredicted bind size: 45KDObserved bind size: 45KD

ADDITIONAL INFORMATION

Related Product Information for anti-PAX2 antibody	Description: Rabbit IgG polyclonal antibody for Paired box protein Pax-2(PAX2) detection. Tested with WB, IHC-P in Human;Mouse;Rat. Background: Paired box gene 2, also known as PAX2, is a protein which in humans is encoded by the PAX2 gene. This gene is mapped to 10q24. PAX2 encodes paired box gene 2, one of many human homologues of the Drosophila melanogaster gene prd. The central feature of this transcription factor gene family is the conserved DNA-binding paired box domain. PAX2 is believed to be a target of transcriptional suppression by the tumor suppressor gene WT1. Mutations within PAX2 have been shown to result in optic nerve colobomas and renal hypoplasia. Alternative splicing of this gene results in multiple transcript variants.
References	1. "Entrez Gene: PAX2 paired box gene 2". 2. Pilz AJ, Povey S, Gruss P, Abbott CM (1993). "Mapping of the human homologs of the murine paired-box-containing genes". Mamm. Genome 4 (2): 78-82. 3. Pfeffer, Peter L.; Bernhard Payter; Gerlinde Reim; Marina Pasca di Magliano; Meinrad Busslinger (2001). "The activation and maintenance of Pax2 expression at the mid-hindbrain boundary is controlled by separate enhancers". Development (133): 307-318.

NCBI AND UNIPROT INFORMATION

NCBI GI #	1003701522
NCBI GeneID	5076
NCBI Accession #	NP_000269.3
NCBI GenBank Nucleotide #	NM_000278.4
UniProt Accession #	Q02962; Q15105; Q15110; Q15837; Q5SZP2; Q5SZP3
Molecular Weight	41,956 Da
NCBI Official Full Name	paired box protein Pax-2 isoform b
NCBI Official Synonym Full Names	paired box 2
NCBI Official Symbol	PAX2
NCBI Official Synonym Symbols	FSGS7; PAPRS
NCBI Protein Information	paired box protein Pax-2
UniProt Protein Name	Paired box protein Pax-2
UniProt Gene Name	PAX2
UniProt Entry Name	PAX2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/pax2-antibody-immunohistochemistry-western-blot-elisa/46396>