

Rabbit PAX2 Polyclonal Antibody | anti-PAX2 antibody

PAX2 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA201774	Rabbit	Cow, Dog, Guinea Pig, Human, Mouse, Rabbit, Rat, Sheep, Zebrafish	Western Blot, Immunohistochemistry

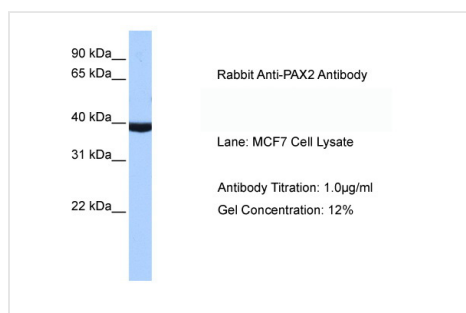
PRODUCT SYNONYMS

PAX2; Polyclonal Antibody; PAX2 antibody - middle region; anti-PAX2 antibody

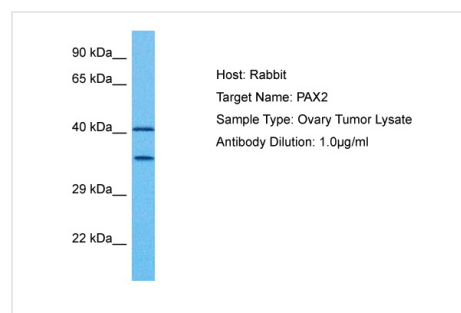
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Human, Mouse, Rabbit, Rat, Sheep, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: DPVGSYSINGILGIPRSNGEKRKRDEVDVSEGSVPNGDSQSGVDSL RKHLR
Sequence Length	417
Applicable Applications for anti-PAX2 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Human: 100%; Mouse: 92%; Rabbit: 100%; Rat: 92%; Sheep: 100%; Zebrafish: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human PAX2
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

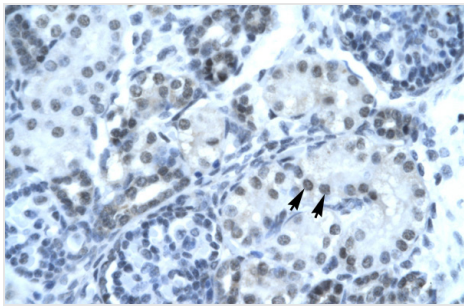
IMAGES


WB (Western Blot)

WB Suggested Anti- Antibody Titration: 1.0ug/ml Positive Control: MCF-7 whole cell lysates


WB (Western Blot)

Host: Rabbit Target Name: PAX2 Sample Tissue: Human Ovary Tumor Antibody Dilution: 1ug/ml



IHC (Immunohistochemistry)
 Rabbit Anti-PAX2 AntibodyParaffin Embedded Tissue: Human KidneyCellular Data: Epithelial cells of renal tubuleAntibody Concentration: 4.0-8.0 ug/mlMagnification: 400X

ADDITIONAL INFORMATION

Related Product Information for anti-PAX2 antibody	This is a rabbit polyclonal antibody against PAX2. It was validated on Western Blot using a cell lysate as a positive control. Target Description: 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. 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.
Product Categories/Family for anti-PAX2 antibody	Polyclonal; Transcription Factor; Neurobiology; Drugs and Drug Metabolism; Cell Biology; Disease Related; DNA/RNA/Protein Interactions; Immunohistochemistry; Chromatin Immunoprecipitation; Transcription Factors; Cell Differentiation

NCBI AND UNIPROT INFORMATION

NCBI GI #	1003701522
NCBI GeneID	5076
NCBI Accession #	NP_000269
NCBI GenBank Nucleotide #	NM_000278
UniProt Accession #	Q02962
Molecular Weight	45kDa
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://stage.aaabiotech.com/polyclonal/pax2-antibody-western-blot-immunohistochemistry-elisa/201774>