

Rabbit PAX2 Polyclonal Antibody | anti-PAX2 antibody

PAX2 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA201775	Rabbit	Cow, Dog, Guinea Pig, Human, Mouse, Rabbit, Rat, Sheep, Zebrafish	Western Blot, Immunohistochemistry

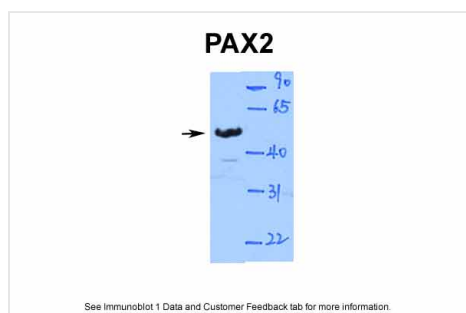
PRODUCT SYNONYMS

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

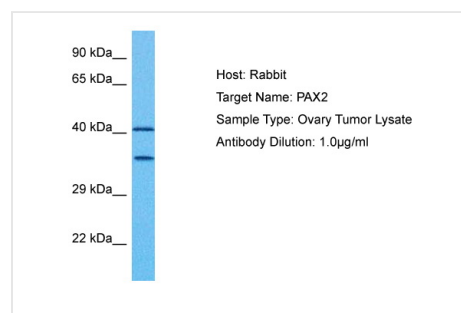
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Human, Mouse, Rabbit, Rat, Sheep, Zebrafish
Clonality	Polyclonal
Purity/Purification	Protein A 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: VS SASNDPVGSY SINGILGIPR SNGEKRRKDE DVSEGSVPNG DSQSGVDS
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

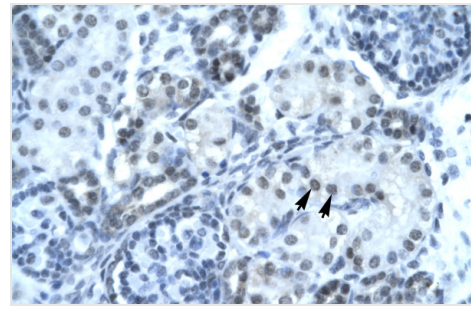
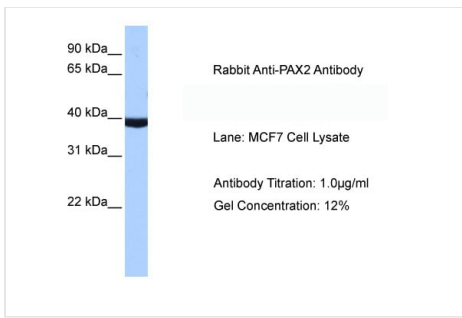


WB (Western Blot)

WB Suggested Anti-PAX2 Antibody Titration: 1.0ug/ml
ELISA Titer: 1:31250
Positive Control: Fetal Kidney


WB (Western Blot)

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



WB (Western Blot)

Sample Type: Human MCF7WB Suggested Anti-PAX2 Antibody Titration: 1.0ug/mlELISA
Titer: 1:312500Positive Control: MCF7 cell lysate

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 and immunohistochemistry 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.
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 #	34878709
NCBI GeneID	5076
NCBI Accession #	NP_003979
NCBI GenBank Nucleotide #	NM_003988
UniProt Accession #	Q02962
Molecular Weight	45kDa
NCBI Official Full Name	paired box protein Pax-2 isoform c
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/pax2-antibody-western-blot-immunohistochemistry-elisa/201775>