Rabbit PAX2 Polyclonal Antibody | anti-PAX2 antibody

Anti-PAX2 Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA258769	**Rabbit**	**Human, Mouse(Species predicted to react based on 100% sequence homology)**	**Immunofluorescence, Immunocytochemistry, Immunohistochemistry**

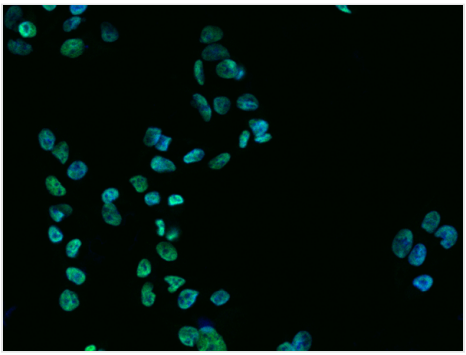
PRODUCT SYNONYMS

PAX2; Polyclonal Antibody; Anti-PAX2 Antibody; Rabbit Polyclonal; Anti-PAPRS Antibody; Anti-RP11-179B2.1 Antibody; anti-PAX2 antibody

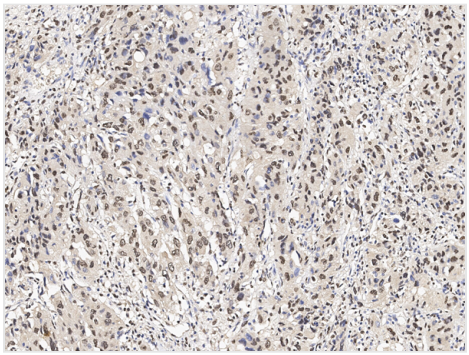
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse (Species predicted to react based on 100% sequence homology)
Clonality	Polyclonal
Isotype	Rabbit IgG
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-PAX2 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry)
Immunogen	A synthetic peptide corresponding to the center region of the Human PAX2
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the center region of the Human PAX2, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

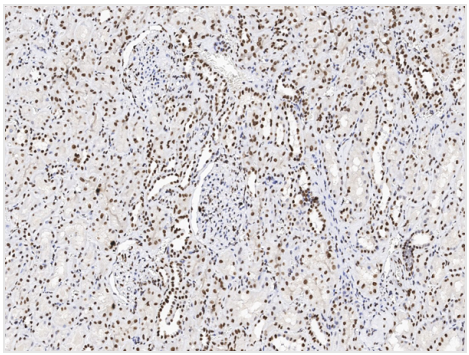
IMAGES



IF (Immunofluorescence)
Immunofluorescence staining of KLH-SMCCA871+KLH-SMCCA1696 in HepG2 cells. Cells were fixed with 4% PFA, permeabilzed with 0.3% Triton X-100 in PBS,blocked with 10% serum, and incubated with rabbit anti-Human KLH-SMCCA871+KLH-SMCCA1696 polyclonal antibody (dilution ratio 1:100) at 4? overnight. Then cells were stained with the Alexa Fluor488-conjugated Goat Anti-rabbit IgG secondary antibody (green) and counterstained with DAPI (blue).Positive staining was localized to Nucleus.



IHC (Immunohiostchemistry)
Immunochemical staining of human PAX2 in human renal carcinoma with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)
Immunochemical staining of human PAX2 in human kidney with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-PAX2 antibody	PAX2 (paired box gene 2) is a transcription factor, which is involved in both cell proliferation and carcinogenesis. PAX2 is one of nine PAX genes that regulate tissue development and cellular differentiation in embryos. PAX2, a nuclear transcription factor in renal development, is strongly expressed during kidney development and plays an important role in kidney development, differentiation, and renal cell proliferation. Paired box (PAX) 2, a transcription factor, plays a critical role in embryogenesis. When aberrantly expressed in adult tissues, it generally exhibits oncogenic properties. PAX2 is expressed in epithelial cells of fetal kidneys and its expression is up-regulated in certain pathologic conditions.

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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