

# Pax2 Antibody

Rabbit mAb

Catalog # AP90260

## Product Information

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<b>Application</b>	WB, IHC, FC
<b>Primary Accession</b>	<a href="#">Q02962</a>
<b>Reactivity</b>	Human, Mouse
<b>Clonality</b>	Monoclonal
<b>Other Names</b>	PAX2; Paired box protein Pax-2
<b>Isotype</b>	Rabbit IgG
<b>Host</b>	Rabbit
<b>Calculated MW</b>	44706

## Additional Information

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<b>Dilution</b>	WB 1:500~1:2000 IHC 1:50~1:200 FC 1:50
<b>Purification</b>	Affinity-chromatography
<b>Immunogen</b>	A synthesized peptide derived from human Pax2
<b>Description</b>	PAX2 mutations can be responsible for renal hypoplasia, either isolated or associated with various ophthalmologic manifestations ranging from retinal coloboma to microphthalmia. Lesions in the PAX6 gene accounts for most cases of aniridia, a congenital malformation of the eye, chiefly characterized by iris hypoplasia, which can cause blindness.
<b>Storage Condition and Buffer</b>	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

## Protein Information

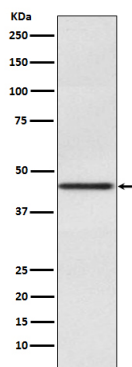
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<b>Name</b>	PAX2
<b>Function</b>	Transcription factor that may have a role in kidney cell differentiation (PubMed: <a href="#">24676634</a> ). Has a critical role in the development of the urogenital tract, the eyes, and the CNS.
<b>Cellular Location</b>	Nucleus.
<b>Tissue Location</b>	Expressed in primitive cells of the kidney, ureter, eye, ear and central nervous system

## Images

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Western blot analysis of Pax2 expression in Human fetal



kidney lysate.

Image not found : 202311/AP90260-IHC.jpg

Immunohistochemical analysis of paraffin-embedded human colon using Pax2 Antibody.

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