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# PAX2 Antibody

Rabbit mAb
Catalog # AP90905

## Product Information

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|---|---|
| **Application** | WB, IHC |
| **Primary Accession** | Q02962 |
| **Reactivity** | Human |
| **Clonality** | Monoclonal |
| **Other Names** | Paired box 2; Paired box gene 2; paired box homeotic gene 2; paired box protein 2; Paired box protein Pax 2; Pax 2; |
| **Isotype** | Rabbit IgG |
| **Host** | Rabbit |
| **Calculated MW** | 44706 |

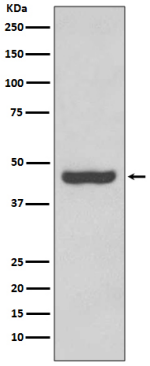
## Additional Information

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| **Dilution** | WB 1:1000~1:2000 IHC 1:50~1:200 |
| **Purification** | Affinity-chromatography |
| **Immunogen** | A synthesized peptide derived from human PAX2 |
| **Description** | PAX2 is a transcription factor critically required during the development of the nervous and excretory systems, including the midbrain, hindbrain, spinal cord, eye, ear and urogenital tract. Probable transcription factor that may have a role in kidney cell differentiation. Has a critical role in the development of the urogenital tract, the eyes, and the CNS. |
| **Storage Condition and Buffer** | 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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|---|---|
| **Name** | PAX2 |
| **Function** | Transcription factor that may have a role in kidney cell differentiation (PubMed:24676634). Has a critical role in the development of the urogenital tract, the eyes, and the CNS. |
| **Cellular Location** | Nucleus. |
| **Tissue Location** | Expressed in primitive cells of the kidney, ureter, eye, ear and central nervous system |

## Images




Western blot analysis of PAX2 expression in Human fetal kidney lysate.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.