

## PAX-2 Recombinant Rabbit Monoclonal Antibody

**Cat:HKZ150162**

**Company: HaoKebio**

**Uniprot ID::**Q02962

**Organism:**Rabbit

**Species reactivity:**Human

**Predicted Molecular Weight:** 45 kDa

**Applications:**

IHC: 1:100-1:200

IHC-Polymer: 1:400-1:800

TSA:1:500-1:1000

### Background:

PAX-2 is a member of the PAX transcription factor family and, along with PAX-8, is involved in kidney organogenesis. In non-neoplastic tissues, PAX-2 is expressed in glomerular parietal epithelial cells, renal collecting duct cells, atrophic renal tubular cells, ovarian surface epithelial cells, fallopian tubes, endocervical glands, and endometrium. In primary tumors, PAX-2 is primarily found in renal cell carcinomas and nephrogenic tumors. Recent studies suggest that PAX-2 serves as a valuable immunohistochemical marker for diagnosing renal epithelial tumors and certain gynecological tumors.

### Protein full name:

Paired box 2

### Synonyms:

Paired box protein Pax 2, PAX2

### Immunogen:

A synthetic peptide corresponding to amino acid residues 300–400 of PAX-2.

### Isotype:

IgG

### Subcellular location:

Nucleus

### Purity:

Affinity purification

### Form:

Liquid

### Storage Buffer:

59% PBS, 0.01% sodium azide, 40% glycerol, 0.05% BSA.

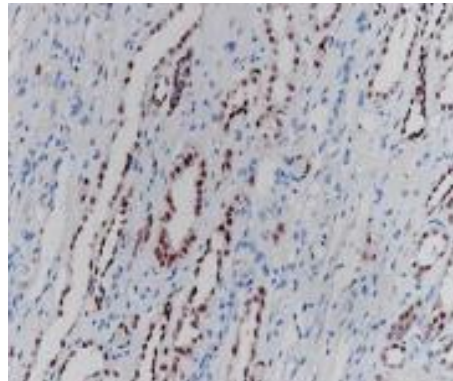
### Storage:

Ship on blue ice. Upon receipt, aliquot and store at -25°C to -18°C. Avoid repeated freeze-thaw cycles.

### Experimental procedure:

Antigen retrieval using Tris-EDTA buffer (pH 9.0); primary antibody incubation at room temperature (18 °C – 25 °C) for 30 minutes.

### Images:



Immunohistochemical results of PAX-2 labeling in renal tissue (formalin-fixed, paraffin-embedded sections) using HKZ150162. Antigen retrieval was performed with Tris-EDTA buffer (pH 9.0).

### Source of Reagents:

1. Zhai QJ, et.al, Appl Immunohistochem Mol Morphol. 2010 Jul;18(4):323-32.
2. Ordóñez NG, et.al, Adv Anat Pathol. 2012 Nov;19(6):401-9.

### Source of Reagents:

发表[中文论文]请标注: PAX-2 (HKZ150162) 由杭州浩克生物技术有限公司提供;  
发表[英文论文]请标注: PAX-2 (HKZ150162) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.

