

For Research Use Only

# PAX8 Recombinant antibody

Catalog Number: 80022-1-RR



## Basic Information

<b>Catalog Number:</b> 80022-1-RR	<b>GenBank Accession Number:</b> BC001060	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 640 µg/ml	<b>GeneID (NCBI):</b> 7849	<b>CloneNo.:</b> 5D20
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q06710	<b>Recommended Dilutions:</b> IHC 1:2500-1:10000
<b>Isotype:</b> IgG	<b>Full Name:</b> paired box 8	
<b>Immunogen Catalog Number:</b> AG16019	<b>Calculated MW:</b> 450 aa, 48 kDa	

## Applications

<b>Tested Applications:</b> IHC, ELISA	<b>Positive Controls:</b> IHC : human ovary tumor tissue,
<b>Species Specificity:</b> Human	

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

## Background Information

PAX8 is a member of the paired box (PAX) family of transcription factors, typically containing a paired box domain and a paired-type homeodomain. It is expressed during organogenesis of the thyroid gland, kidney and Mullerian system. It is thought to regulate the expression of Wilms tumor suppressor (WT1) gene and mutations in PAX8 have been associated with Wilms tumor cells, thyroid and ovarian carcinomas. PAX8 is a useful marker in distinguishing ovarian carcinomas from mammary carcinomas (PMID: 18724243). PAX8 is expressed in a high percentage of ovarian serous, endometrioid, and clear cell carcinomas, but only rarely in primary ovarian mucinous adenocarcinomas.

## Storage

**Storage:**  
Store at -20°C.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

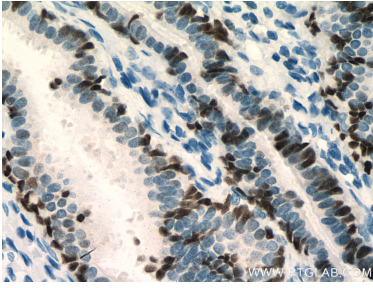
T: 4006900926

E: Proteintech-CN@ptglab.com

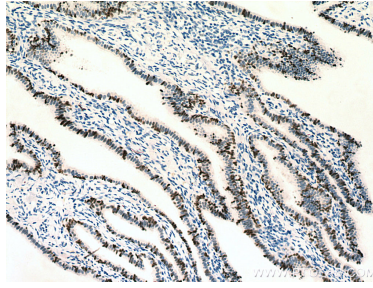
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## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using 80022-1-RR (PAX8 antibody) at dilution of 1:5000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using 80022-1-RR (PAX8 antibody) at dilution of 1:5000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).