

# Product Datasheet

## PAX8 Antibody NB100-1065

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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**NB100-1065****PAX8 Antibody**

<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	0.5 mg/ml
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA
<b>Target Molecular Weight</b>	48 kDa

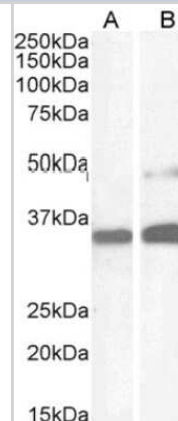
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Goat PAX8 Antibody (NB100-1065) is a polyclonal antibody validated for use in IHC and WB. Anti-PAX8 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Goat
<b>Gene ID</b>	7849
<b>Gene Symbol</b>	PAX8
<b>Species</b>	Human
<b>Reactivity Notes</b>	Predicted cross-reactivity based on sequence identity: Mouse, Rat.
<b>Specificity/Sensitivity</b>	This antibody is expected to recognise all five human isoforms (as represented by NP_003457.1; NP_039245.1; NP_039246.1; NP_039247.1; NP_054698.1)
<b>Immunogen</b>	Peptide with sequence PHNSIRSGHGGLN-C corresponding to N-Terminus according to NP_039245.1, NP_039246.1, NP_039247.1, NP_054698.1.

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1 - 2 ug/mL, Immunohistochemistry 5 ug/mL, Immunohistochemistry-Paraffin 5 ug/mL
<b>Application Notes</b>	WB: Approx. 45 kDa band observed in human kidney lysates (calculated MW of 43.0 kDa band according to NP_039246.1 and 48.2 kDa band according to NP_003457.1). IHC-P: A customer has reported unsuccessful use on mouse tissues.

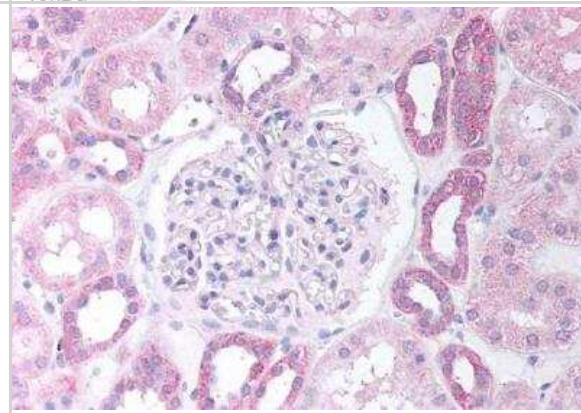


## Images

Western Blot: PAX8 Antibody [NB100-1065] - Staining of Human Kidney (A) and HeLa cell (B) lysate (35 ug protein in RIPA buffer). Antibody at 1 ug/mL. Detected by chemiluminescence.



Immunohistochemistry-Paraffin: PAX8 Antibody [NB100-1065] - Staining of paraffin embedded Human Kidney Cortex. Antibody at 5 ug/mL. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



## Publications

Guenther R, Zheng-Pywell R, Herring B et al. Preclinical safety evaluation of continuous UV-A lighting in an operative setting PloS one 2023-11-17 [PMID: 37976243] (WB, Human)

Pasca di Magliano M, Di Lauro R, Zannini M. Pax8 has a key role in thyroid cell differentiation. Proc Natl Acad Sci U S A 2000-11-21 [PMID: 11069301]



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### **Products Related to NB100-1065**

NBL1-14132	PAX8 Overexpression Lysate
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control

### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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