

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

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

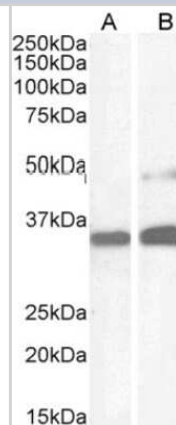
Product Description	
Host	Goat
Gene ID	7849
Gene Symbol	PAX8
Species	Human
Reactivity Notes	Predicted cross-reactivity based on sequence identity: Mouse, Rat.
Specificity/Sensitivity	This antibody is expected to recognise all five human isoforms (as represented by NP_003457.1; NP_039245.1; NP_039246.1; NP_039247.1; NP_054698.1)
Immunogen	Peptide with sequence PHNSIRSGHGGLN-C corresponding to N-Terminus according to NP_039245.1, NP_039246.1, NP_039247.1, NP_054698.1.

Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1 - 2 ug/mL, Immunohistochemistry 5 ug/mL, Immunohistochemistry-Paraffin 5 ug/mL
Application Notes	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.

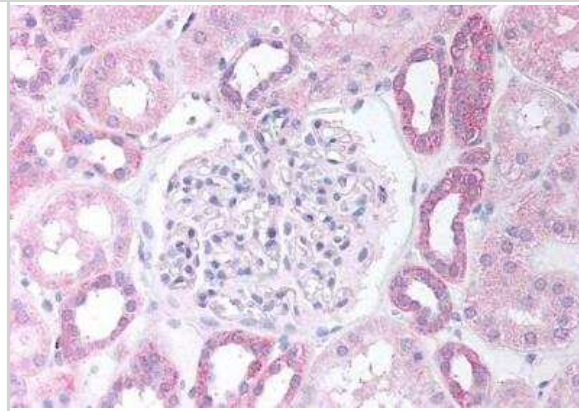


Images

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

Guenter 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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