

Product Datasheet

PAX8 Antibody (6G5-R) NBP3-32719

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP3-32719

PAX8 Antibody (6G5-R)

Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	6G5-R
Preservative	0.05% Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS (pH7.4), 0.1% BSA and 40% Glycerol
Target Molecular Weight	48 kDa
Product Description	
Host	Mouse
Gene ID	7849
Gene Symbol	PAX8
Species	Human, Mouse, Monkey
Immunogen	Synthetic peptide corresponding to human PAX8 aa 400-450. (Uniprot: Q06710)
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000, Immunohistochemistry, Immunocytochemistry/Immunofluorescence 1:100, Immunohistochemistry-Paraffin 1:500-1:2000



Images

Western Blot: PAX8 Antibody (6G5-R) [NBP3-32719] - Western blot analysis of PAX8 on different lysates with Mouse anti-PAX8 antibody (NBP3-32719) at 1/1,000 dilution.

Lane 1: NIH:OVCAR-3 cell lysate
Lane 2: Jurkat cell lysate (negative)
Lane 3: COS-1 cell lysate

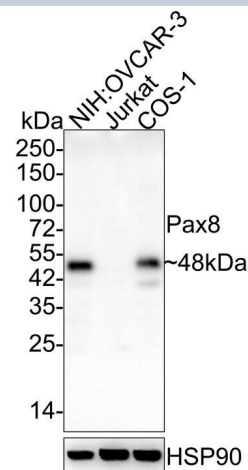
Lysates/proteins at 20 ug/Lane.

Predicted band size: 48 kDa
Observed band size: 48 kDa

Exposure time: 1 minute 40 seconds;

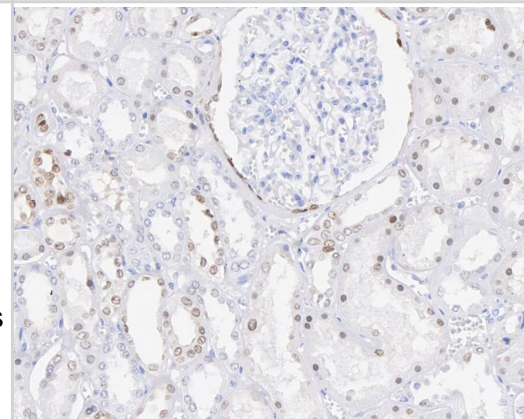
4-20% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody (NBP3-32719) at 1/1,000 dilution was used in 5% NFDM/TBST at 4 overnight. Goat Anti-Mouse IgG - HRP Secondary Antibody at 1/50,000 dilution was used for 1 hour at room temperature.



Immunohistochemistry: PAX8 Antibody (6G5-R) [NBP3-32719] - Immunohistochemical analysis of paraffin-embedded human kidney tissue with Mouse anti-PAX8 antibody (NBP3-32719) at 1/2,000 dilution.

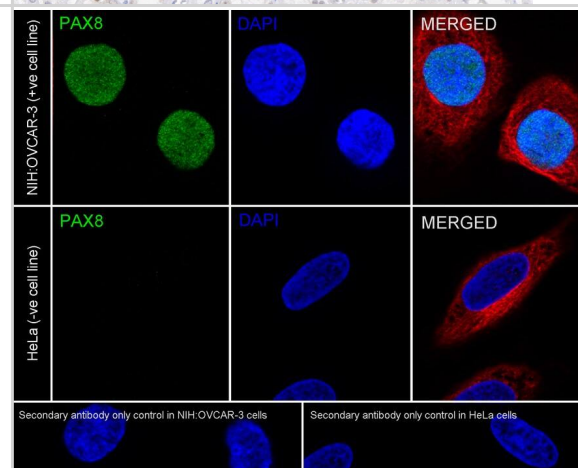
The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0) for 2 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the primary antibody (NBP3-32719) at 1/2,000 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



Immunocytochemistry/ Immunofluorescence: PAX8 Antibody (6G5-R) [NBP3-32719] - Immunocytochemistry analysis of NIH:OVCAR-3 (positive) and HeLa (negative) labeling PAX8 with Mouse anti-PAX8 antibody (NBP3-32719) at 1/100 dilution.

Cells were fixed in 4% paraformaldehyde for 20 minutes at room temperature, permeabilized with 0.1% Triton X-100 in PBS for 5 minutes at room temperature, then blocked with 1% BSA in 10% negative goat serum for 1 hour at room temperature. Cells were then incubated with Mouse anti-PAX8 antibody (NBP3-32719) at 1/100 dilution in 1% BSA in PBST overnight at 4 °C. Goat Anti-Mouse IgG H&L (iFluor™ 488) was used as the secondary antibody at 1/1,000 dilution. PBS instead of the primary antibody was used as the secondary antibody only control. Nuclear DNA was labelled in blue with DAPI.

beta Tubulin (red) was stained at 1/100 dilution overnight at +4 °C. Goat Anti-Rabbit IgG H&L (iFluor™ 594) were used as the secondary antibody at 1/1,000 dilution.





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Products Related to NBP3-32719

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NBP2-51907-0.05mg	Recombinant Human PAX8 His Protein

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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