

# Product Datasheet

## Pax2 Antibody (JJ082-08)

### NBP2-67849

Unit Size: 100 ul

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

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**NBP2-67849**

Pax2 Antibody (JJ082-08)

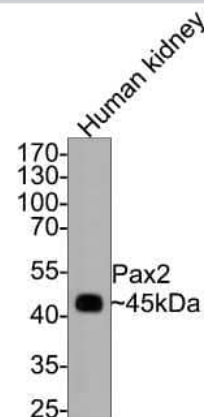
| Product Information |  |
|---------------------|--|
| Unit Size           | 100 ul   |
| Concentration       | 1 mg/ml  |
| Storage             | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |
| Clonality           | Monoclonal   |
| Clone               | JJ082-08   |
| Preservative        | 0.05% Sodium Azide   |
| Isotype             | IgG  |
| Purity              | Protein A purified   |
| Buffer              | TBS (pH7.4), 0.05% BSA, 40% Glycerol   |

| Product Description |  |
|---------------------|--|
| Description         | Novus Biologicals Rabbit Pax2 Antibody (JJ082-08) (NBP2-67849) is a recombinant monoclonal antibody validated for use in IHC and WB. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host                | Rabbit   |
| Gene ID             | 5076   |
| Gene Symbol         | PAX2   |
| Species             | Human, Rat   |
| Immunogen           | Recombinant protein within Human Pax2 aa 161-357 / 417. (SwissProt: Q02962 Human; SwissProt: D4ACZ2 Rat)   |

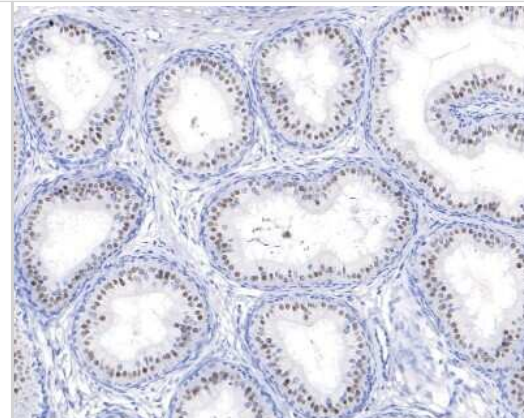
| Product Application Details |  |
|-----------------------------|--|
| Applications                | Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry                          |
| Recommended Dilutions       | Western Blot 1:500-1:1000, Immunohistochemistry, Immunohistochemistry-Paraffin 1:100-1:400 |

**Images**

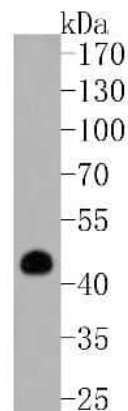
Western Blot: Pax2 Antibody (JJ082-08) [NBP2-67849] - Analysis of Pax2 on human kidney tissue lysates with Rabbit anti-Pax2 antibody at 1/500 dilution. Lysates/proteins at 20 ug/Lane. Predicted band size: 45 kDa Observed band size: 45 kDa Exposure time: 2 minutes; 10% SDS-PAGE gel. Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody at 1/500 dilution was used in 5% NFDM/TBST at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1:300,000 dilution was used for 1 hour at room temperature.



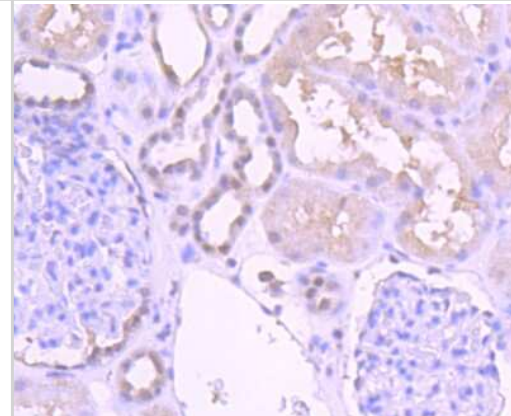
**Immunohistochemistry-Paraffin: Pax2 Antibody (JJ082-08) [NBP2-67849]** - Analysis of paraffin-embedded rat epididymis tissue with Rabbit anti-Pax2 antibody washed with ddH<sub>2</sub>O and PBS, and then probed with the primary antibody at 1/100 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



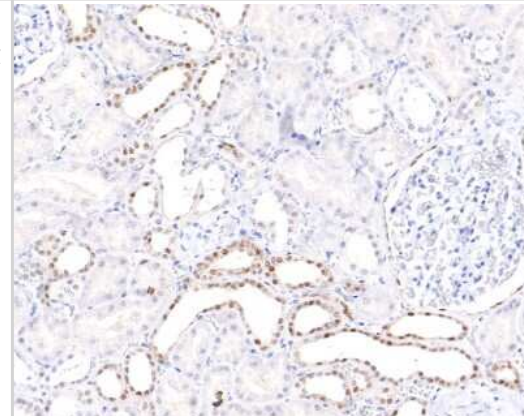
**Western Blot: Pax2 Antibody (JJ082-08) [NBP2-67849]** - Western blot analysis of Pax2 on human kidney tissue lysates. Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. The primary antibody (1/500) was used in 5% BSA at room temperature for 2 hours. Goat



**Immunohistochemistry-Paraffin: Pax2 Antibody (JJ082-08) [NBP2-67849]** - Analysis of paraffin-embedded human kidney tissue using anti-Pax2 antibody. Counter stained with hematoxylin.



**Immunohistochemistry-Paraffin: Pax2 Antibody (JJ082-08) [NBP2-67849]** - Analysis of paraffin-embedded human kidney tissue with Rabbit anti-Pax2 antibody washed with ddH<sub>2</sub>O and PBS, and then probed with the primary antibody at 1/400 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.





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### **Products Related to NBP2-67849**

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|             |   |
|-------------|---|
| NBP2-33376H | Blue Marker Antibody (6F4-F6) [HRP]                 |
| HAF008      | Goat anti-Rabbit IgG Secondary Antibody [HRP]       |
| NB7160      | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891  | Rabbit IgG Isotype Control                          |

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### **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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