

# Product Datasheet

## **PAX8 Antibody (ZR-1) [Alexa Fluor® 750] NBP3-08307AF750**

Unit Size: 100 ul

Store at 4C in the dark.

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**NBP3-08307AF750**

PAX8 Antibody (ZR-1) [Alexa Fluor® 750]

| Product Information     |  |
|-------------------------|--|
| Unit Size               | 100 ul   |
| Concentration           | Please see the vial label for concentration. If unlisted please contact technical services.  |
| Storage                 | Store at 4C in the dark.   |
| Clonality               | Monoclonal   |
| Clone                   | ZR-1   |
| Preservative            | 0.05% Sodium Azide   |
| Isotype                 | IgG  |
| Conjugate               | Alexa Fluor 750  |
| Purity                  | Protein A or G purified  |
| Buffer                  | 50mM Sodium Borate   |
| Product Description     |  |
| Host                    | Rabbit   |
| Gene ID                 | 7849   |
| Gene Symbol             | PAX8   |
| Species                 | Human  |
| Marker                  | Renal Cell Marker  |
| Specificity/Sensitivity | Recognizes a protein of 62kDa, identified as PAX8. It is a member of the paired box (PAX) family of transcription factors. This nuclear protein is involved in thyroid follicular cell development and expression of thyroid-specific genes. Mutations in this gene have been associated with thyroid dysgenesis, thyroid follicular carcinomas, and atypical thyroid adenomas. PAX-8 is expressed in the thyroid (and associated carcinomas), non-ciliated mucosal cells of the fallopian tubes, and simple ovarian inclusion cysts, but not normal ovarian surface epithelial cells. PAX-8 is expressed in a high percentage of ovarian serous, endometrioid, and clear cell carcinomas, but only rarely in primary ovarian mucinous adenocarcinomas. PAX-8 expression is reported in renal tubules as well as renal cell carcinoma, nephroblastoma, and seminoma. PAX-8 antibody may be used as an additional immunohistochemical marker for renal epithelial tumors. |
| Immunogen               | Synthetic peptide corresponding to the C-terminus of human PAX8 protein (Uniprot: Q06710)  |



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|--------------|--|
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| <b>Product Application Details</b> |  |
|------------------------------------|--|
| <b>Applications</b>                | Immunohistochemistry-Paraffin  |
| <b>Recommended Dilutions</b>       | Immunohistochemistry-Paraffin  |
| <b>Application Notes</b>           | Optimal dilution of this antibody should be experimentally determined. |



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### **Products Related to NBP3-08307AF750**

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|                   |   |
|-------------------|---|
| NBP2-24891AF750   | Rabbit IgG Isotype Control [Alexa Fluor® 750] |
| NBP2-51907-0.05mg | Recombinant Human PAX8 His Protein            |
| 288-TPN-025/CF    | Thrombopoietin/THPO [Unconjugated]            |
| NBL1-14132        | PAX8 Overexpression Lysate                    |

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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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