

# Product Datasheet

## TKTL1 Antibody - BSA Free

### NBP1-86939

Unit Size: 0.1 ml

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

[www.novusbio.com](http://www.novusbio.com)



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#### Publications: 2

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Updated 12/2/2025 v.20.1

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**NBP1-86939**

TKTL1 Antibody - BSA Free

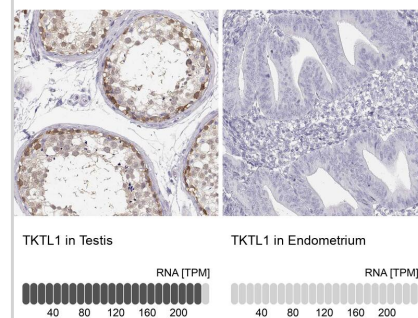
| Product Information  |  |
|----------------------|--|
| <b>Unit Size</b>     | 0.1 ml   |
| <b>Concentration</b> | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| <b>Storage</b>       | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.                           |
| <b>Clonality</b>     | Polyclonal   |
| <b>Preservative</b>  | 0.02% Sodium Azide   |
| <b>Isotype</b>       | IgG  |
| <b>Purity</b>        | Affinity purified  |
| <b>Buffer</b>        | PBS (pH 7.2) and 40% Glycerol  |

| Product Description     |   |
|-------------------------|---|
| <b>Description</b>      | Novus Biologicals Rabbit TKTL1 Antibody - BSA Free (NBP1-86939) is a polyclonal antibody validated for use in IHC and WB. Anti-TKTL1 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| <b>Host</b>             | Rabbit  |
| <b>Gene ID</b>          | 8277  |
| <b>Gene Symbol</b>      | TKTL1   |
| <b>Species</b>          | Human   |
| <b>Reactivity Notes</b> | Human reactivity reported in scientific literature (PMID: 26187043).  |
| <b>Immunogen</b>        | This antibody was developed against Recombinant Protein corresponding to amino acids:<br>SFSHPTSCSSSSEIMSVLFFYIMRYKQSDPENPDNDRFVLAKRLSFVDVATGWL<br>GQGLGVACGMAYTGKYFDRASYRVFCLMSDGEES   |

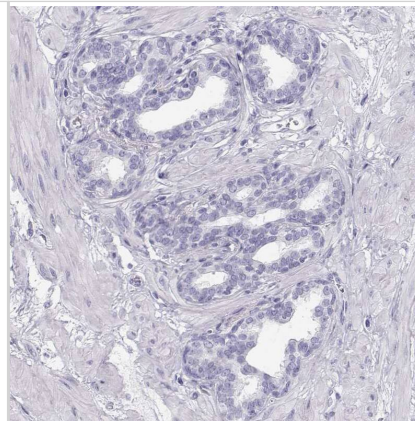
| Product Application Details  |   |
|------------------------------|---|
| <b>Applications</b>          | Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry   |
| <b>Recommended Dilutions</b> | Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunohistochemistry-Paraffin 1:500 - 1:1000  |
| <b>Application Notes</b>     | IHC-P reported in scientific literature (PMID: 25945836). For IHC-Paraffin, HIER pH 6 retrieval is recommended. |

**Images**

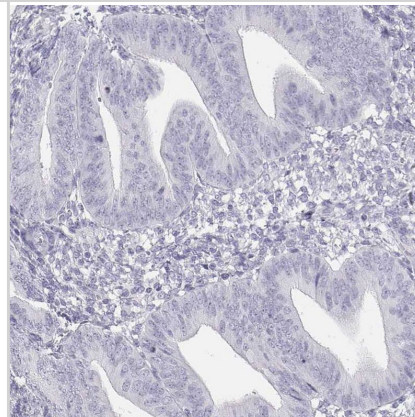
Analysis in human testis and endometrium tissues Corresponding TKTL1 RNA-seq data are presented for the same tissues.



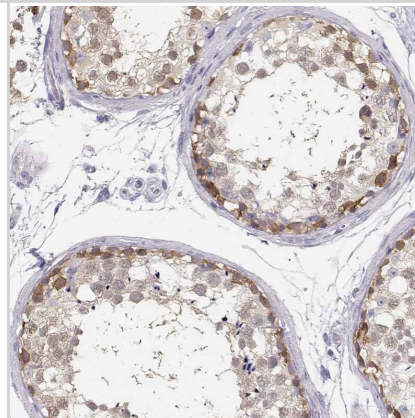
Staining of human prostate shows very weak positivity in glandular cells.



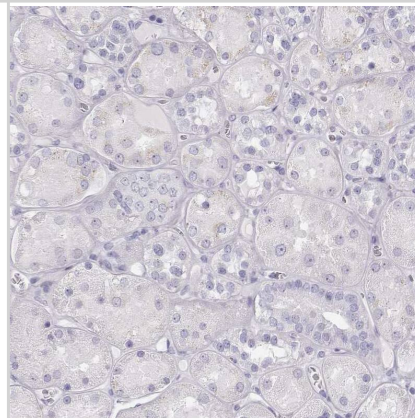
Staining of human endometrium shows very weak positivity in glandular cells.



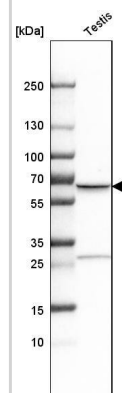
Staining of human testis shows strong cytoplasmic positivity in spermatogonia.



Staining of human kidney shows no positivity in cells in tubules as expected.



Analysis in human testis tissue.



## Publications

Kammerer U, Gires O, Pfetzer N et al. TKTL1 expression in human malign and benign cell lines. *BMC Cancer* 2015-06-10 [PMID: 26187043] (WB, IF/IHC, Human)

Lucrelli G, Galleggiante V, Rutigliano M et al. Metabolomic profile of glycolysis and the pentose phosphate pathway identifies the central role of glucose-6-phosphate dehydrogenase in clear cell-renal cell carcinoma. *Oncotarget*. [PMID: 25945836] (IHC-P, Human)

Details:

Citation using the FITC form of this antibody.



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### **Products Related to NBP1-86939**

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|               |   |
|---------------|---|
| NBP1-86939PEP | TKTL1 Recombinant Protein Antigen                   |
| 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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