

# Product Datasheet

## TMC4 Antibody - BSA Free

### NBP2-13437

Unit Size: 0.1 ml

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

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**NBP2-13437**

TMC4 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>        | Immunogen affinity purified                                                                                      |
| <b>Buffer</b>        | PBS (pH 7.2) and 40% Glycerol                                                                                    |

**Product Description**

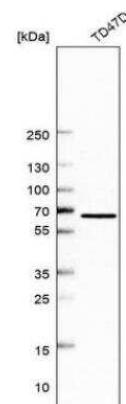
|                    |                                                                                                                                                                                              |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b> | Novus Biologicals Rabbit TMC4 Antibody - BSA Free (NBP2-13437) is a polyclonal antibody validated for use in IHC and WB. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| <b>Host</b>        | Rabbit                                                                                                                                                                                       |
| <b>Gene ID</b>     | 147798                                                                                                                                                                                       |
| <b>Gene Symbol</b> | TMC4                                                                                                                                                                                         |
| <b>Species</b>     | Human                                                                                                                                                                                        |
| <b>Immunogen</b>   | This antibody was developed against a recombinant protein corresponding to the amino acids:<br>EEDGGRSRKAFTEVTQTELQDPHPSRELPWPMQARRAHRQRNASRDQVVYG<br>SGTKTDRWARLLRRSKEKTKEGLRSLQPWAWTLK     |

**Product Application Details**

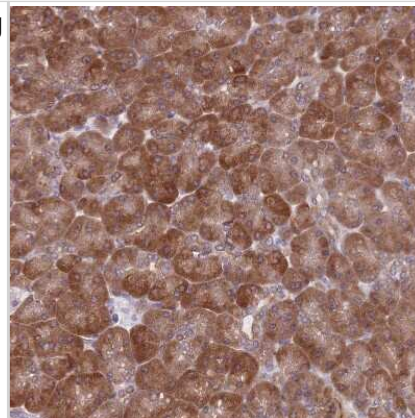
|                              |                                                                                                     |
|------------------------------|-----------------------------------------------------------------------------------------------------|
| <b>Applications</b>          | Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry                                   |
| <b>Recommended Dilutions</b> | Western Blot 0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunohistochemistry-Paraffin 1:50-1:200 |
| <b>Application Notes</b>     | For IHC-Paraffin, HIER pH 6 retrieval is recommended.                                               |

**Images**

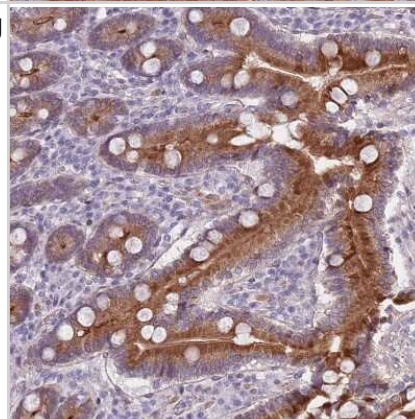
Western Blot: TMC4 Antibody [NBP2-13437] - Analysis in human cell line TD47D.



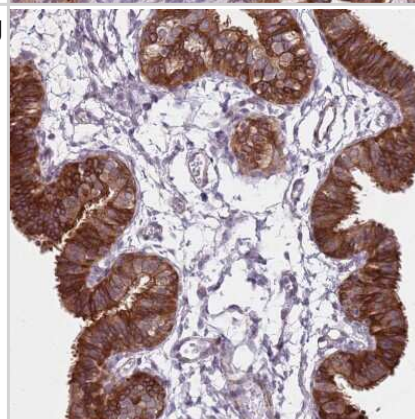
Immunohistochemistry-Paraffin: TMC4 Antibody [NBP2-13437] - Staining of human pancreas shows strong cytoplasmic positivity in exocrine glandular cells.



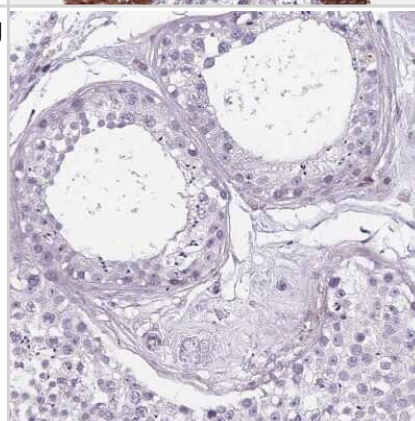
Immunohistochemistry-Paraffin: TMC4 Antibody [NBP2-13437] - Staining of human duodenum shows moderate cytoplasmic positivity in glandular cells.



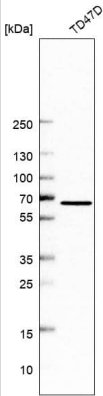
Immunohistochemistry-Paraffin: TMC4 Antibody [NBP2-13437] - Staining of human fallopian tube shows strong cytoplasmic positivity in glandular cells.



Immunohistochemistry-Paraffin: TMC4 Antibody [NBP2-13437] - Staining of human testis shows no cytoplasmic positivity in cells in seminiferous ducts as expected.



Analysis in human cell line TD47D.





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### **Products Related to NBP2-13437**

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|               |                                                     |
|---------------|-----------------------------------------------------|
| NBP2-13437PEP | TMC4 Recombinant Protein Antigen                    |
| 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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