

# Product Datasheet

## MS4A8B Antibody - BSA Free

### NBP1-81026

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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**NBP1-81026**

MS4A8 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**

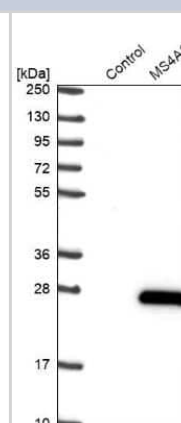
|                    |                                                                                                                                                                       |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Host</b>        | Rabbit                                                                                                                                                                |
| <b>Gene ID</b>     | 83661                                                                                                                                                                 |
| <b>Gene Symbol</b> | MS4A8                                                                                                                                                                 |
| <b>Species</b>     | Human                                                                                                                                                                 |
| <b>Immunogen</b>   | This antibody was developed against Recombinant Protein corresponding to amino acids:<br>MNSMTSAVPVANSVLVVAPHNGYPVTPGIMSHVPLYPNSQPQVHLVPGNPPS<br>LVSINVNGQPQVQKALKEGK |

**Product Application Details**

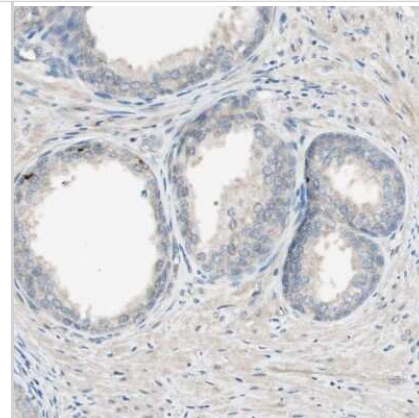
|                              |                                                                                                            |
|------------------------------|------------------------------------------------------------------------------------------------------------|
| <b>Applications</b>          | Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin                                          |
| <b>Recommended Dilutions</b> | Western Blot 0.04 - 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**

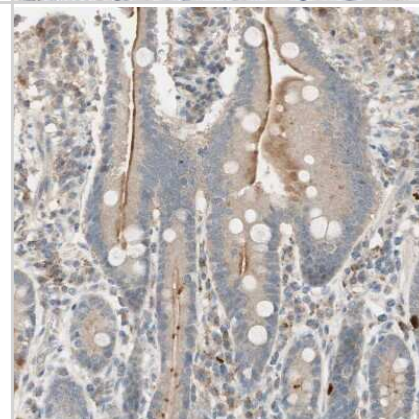
Western Blot: MS4A8B Antibody [NBP1-81026] - Analysis in control (vector only transfected HEK293T lysate) and MS4A8 over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (3.1 kDa) in mammalian HEK293T cells).



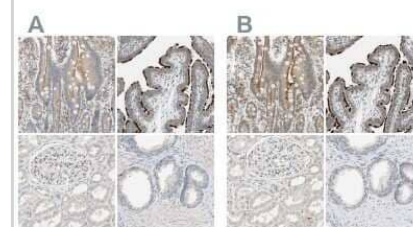
Immunohistochemistry-Paraffin: MS4A8B Antibody [NBP1-81026] - Staining of human prostate shows low positivity in glandular cells as expected.



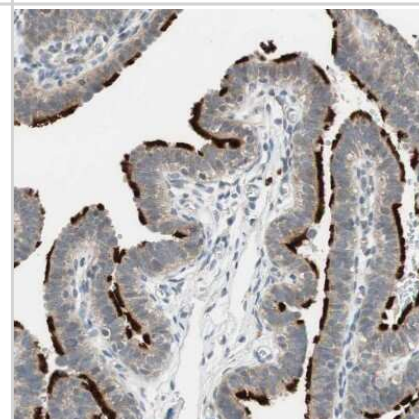
Immunohistochemistry-Paraffin: MS4A8B Antibody [NBP1-81026] - Staining of human duodenum shows moderate positivity in apical membrane in glandular cells.



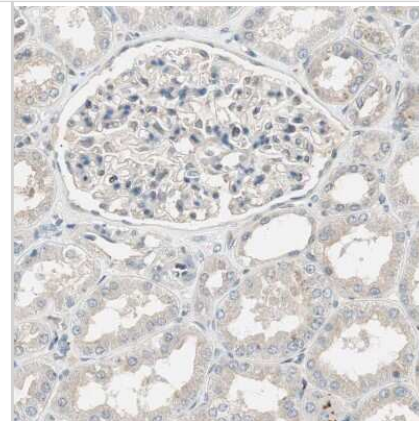
Immunohistochemistry-Paraffin: MS4A8B Antibody [NBP1-81026] - Staining of human duodenum, fallopian tube, kidney and prostate using Anti-MS4A8B antibody NBP1-81026 (A) shows similar protein distribution across tissues to independent antibody NBP1-81025 (B).



Immunohistochemistry-Paraffin: MS4A8B Antibody [NBP1-81026] - Staining of human Fallopian tube shows strong positivity in cilia in glandular cells.



Immunohistochemistry-Paraffin: MS4A8B Antibody [NBP1-81026] - Staining of human kidney shows low positivity in cells in tubules as expected.



## Publications

Ye L, Yao XD, Wan FN et al. MS4A8B promotes cell proliferation in prostate cancer. Prostate. 2014-06-01 [PMID: 24789009] (IHC-P, WB, Human)



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### **Products Related to NBP1-81026**

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|               |                                                     |
|---------------|-----------------------------------------------------|
| NBP1-81026PEP | MS4A8B 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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