

# Product Datasheet

## SPATA4 Antibody - BSA Free

### NBP1-80731

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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#### Publications: 2

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**NBP1-80731**

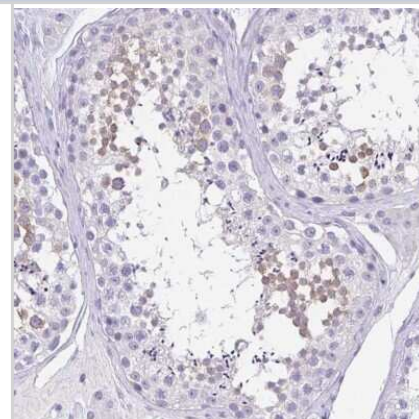
SPATA4 Antibody - BSA Free

| Product Information         |                                                                                                                                                                                       |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Unit Size                   | 0.1 ml                                                                                                                                                                                |
| Concentration               | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.                                                                      |
| Storage                     | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.                                                                                                |
| Clonality                   | Polyclonal                                                                                                                                                                            |
| Preservative                | 0.02% Sodium Azide                                                                                                                                                                    |
| Isotype                     | IgG                                                                                                                                                                                   |
| Purity                      | Immunogen affinity purified                                                                                                                                                           |
| Buffer                      | PBS (pH 7.2) and 40% Glycerol                                                                                                                                                         |
| Product Description         |                                                                                                                                                                                       |
| Host                        | Rabbit                                                                                                                                                                                |
| Gene ID                     | 132851                                                                                                                                                                                |
| Gene Symbol                 | SPATA4                                                                                                                                                                                |
| Species                     | Human                                                                                                                                                                                 |
| Immunogen                   | This antibody was developed against Recombinant Protein corresponding to amino acids:<br>LILLHMLQRKLGRKLNPEWFDVKPTVGEVTLNHLPAQASGRRYNLKVKRGRVV<br>PVLPNIGSGGSSHREIHVKQAGQHSYYSAMKPIRN |
| Product Application Details |                                                                                                                                                                                       |
| Applications                | Immunohistochemistry, Immunohistochemistry-Paraffin                                                                                                                                   |
| Recommended Dilutions       | Immunohistochemistry 1:500 - 1:1000, Immunohistochemistry-Paraffin 1:500 - 1:1000                                                                                                     |
| Application Notes           | For IHC-Paraffin, HIER pH 6 retrieval is recommended.                                                                                                                                 |

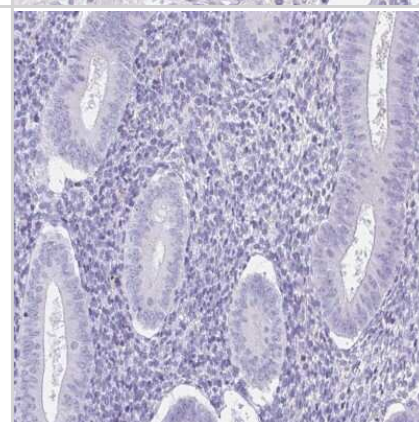


## Images

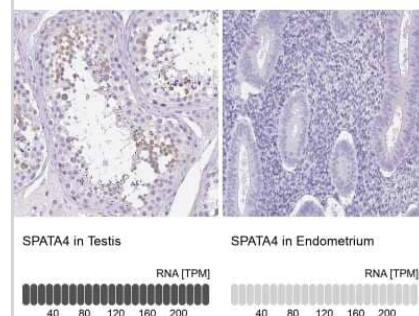
Immunohistochemistry-Paraffin: SPATA4 Antibody [NBP1-80731] - Staining of human testis shows high expression.



Immunohistochemistry-Paraffin: SPATA4 Antibody [NBP1-80731] - Staining of human endometrium shows low expression as expected.



Immunohistochemistry-Paraffin: SPATA4 Antibody [NBP1-80731] - Staining in human testis and endometrium tissues using anti-SPATA4 antibody. Corresponding SPATA4 RNA-seq data are presented for the same tissues.



## Publications

Bao S, Chen Z, Qin D et al. Single-cell profiling reveals mechanisms of uncontrolled inflammation and glycolysis in decidual stromal cell subtypes in recurrent miscarriage Human reproduction (Oxford, England) 2022-11-10 [PMID: 36355621]

Liu A, Chen Y, Zhong D et al. CircRNA AFF4 induced by KDM1A promotes osteogenic differentiation through FNDC5/Irisin pathway Molecular medicine (Cambridge, Mass.) 2022-11-18 [PMID: 36401176] (ELISA, Human)



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### **Products Related to NBP1-80731**

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|               |                                                     |
|---------------|-----------------------------------------------------|
| NBP1-80731PEP | SPATA4 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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