

# Product Datasheet

## Spermatogenesis associated protein 1 Antibody - BSA Free NBP2-41142

Unit Size: 0.1 mg

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

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**NBP2-41142**

Spermatogenesis associated protein 1 Antibody - BSA Free

| Product Information |                                                                                        |
|---------------------|----------------------------------------------------------------------------------------|
| Unit Size           | 0.1 mg                                                                                 |
| Concentration       | 1 mg/ml                                                                                |
| 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              | Peptide affinity purified                                                              |
| Buffer              | PBS                                                                                    |

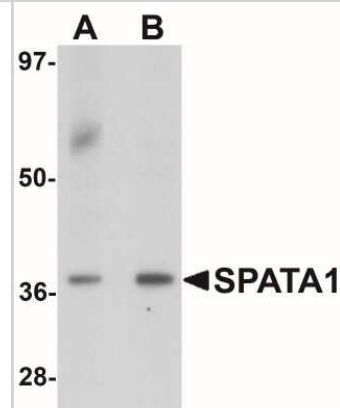
| Product Description     |                                                                                                                                                                                                                                             |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description             | Novus Biologicals Rabbit Spermatogenesis associated protein 1 Antibody - BSA Free (NBP2-41142) is a polyclonal antibody validated for use in IHC, WB, ELISA and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host                    | Rabbit                                                                                                                                                                                                                                      |
| Gene ID                 | 100505741                                                                                                                                                                                                                                   |
| Gene Symbol             | SPATA1                                                                                                                                                                                                                                      |
| Species                 | Human, Mouse                                                                                                                                                                                                                                |
| Specificity/Sensitivity | At least two isoforms of SPATA1 are known to exist; this antibody will detect only the longest isoforms. SPATA1 antibody is predicted to not cross-react with other SPATA family members.                                                   |
| Immunogen               | Antibody was raised against an 18 amino acid synthetic peptide near the carboxy terminus of human SPATA1. The immunogen is located within amino acids 300 - 350 of SPATA1. Amino Acid Sequence: AYNGWKKKYLETKKVTAS                          |

| Product Application Details |                                                                                                                                                          |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Applications                | Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry                                         |
| Recommended Dilutions       | Western Blot 1-2 ug/ml, ELISA, Immunohistochemistry 2.5 ug/mL, Immunocytochemistry/ Immunofluorescence 20 ug/ml, Immunohistochemistry-Paraffin 2.5 ug/ml |

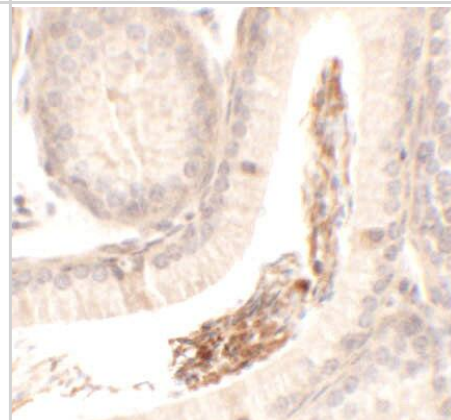


## Images

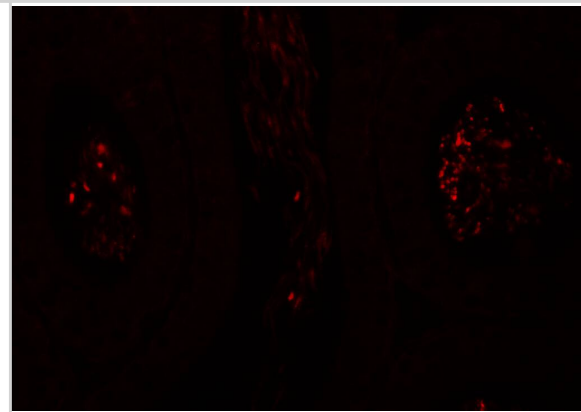
Western Blot: Spermatogenesis associated protein 1 Antibody [NBP2-41142] - Western blot analysis of SPATA1 in A20 cell lysate with SPATA1 antibody at (A) 1 and (B) 2 ug/mL.



Immunohistochemistry: Spermatogenesis associated protein 1 Antibody - BSA Free [NBP2-41142] - Immunohistochemistry of Spermatogenesis associated protein 1 in mouse testis tissue with Spermatogenesis associated protein 1 antibody at 2.5 u/mL.



Immunocytochemistry/ Immunofluorescence: Spermatogenesis associated protein 1 Antibody - BSA Free [NBP2-41142] - Immunofluorescence of Spermatogenesis associated protein 1 in mouse testis tissue with Spermatogenesis associated protein 1 antibody at 20 u/mL.





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### **Products Related to NBP2-41142**

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|                    |                                                                             |
|--------------------|-----------------------------------------------------------------------------|
| HAF008             | Goat anti-Rabbit IgG Secondary Antibody [HRP]                               |
| NB7160             | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]                         |
| NBP2-24891         | Rabbit IgG Isotype Control                                                  |
| H00064173-P01-10ug | Recombinant Human Spermatogenesis associated protein 1 GST (N-Term) Protein |

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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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