

# Product Datasheet

## VASA Antibody - BSA Free NBP2-24558

Unit Size: 0.1 mg

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: 7

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Updated 9/9/2025 v.20.1

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**NBP2-24558**

VASA Antibody - BSA Free

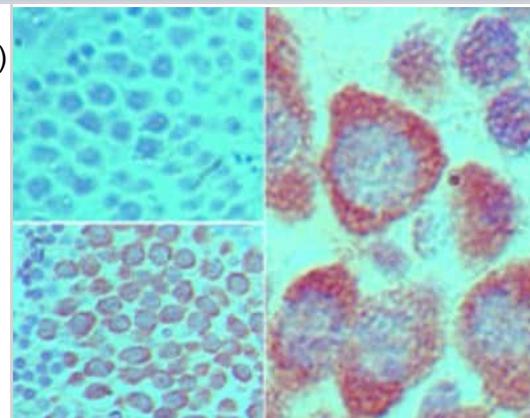
Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS

Product Description	
Description	Novus Biologicals Rabbit VASA Antibody - BSA Free (NBP2-24558) is a polyclonal antibody validated for use in IHC and ICC/IF. Anti-VASA Antibody: Cited in 7 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	54514
Gene Symbol	DDX4
Species	Human, Mouse, Rat, Porcine, Bovine, Canine, Equine, Primate, Xenopus, Zebrafish
Reactivity Notes	Orangutan (100%).
Immunogen	A portion of amino acids 700-724 of DDX4 was used as the immunogen.

Product Application Details	
Applications	Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Immunohistochemistry, Immunocytochemistry/ Immunofluorescence reported in scientific literature (PMID 34183774), Immunohistochemistry-Paraffin 5 ug/ml

**Images**

Immunohistochemistry-Paraffin: VASA Antibody [NBP2-24558] - Analysis of DDX4 in mouse testis tissue using an isotype control (top left) and this antibody (bottom left, right) at 5 ug/ml.



## Publications

Sawaied A, Arazi E, AbuElhija A et al. The Presence of Colony-Stimulating Factor-1 and Its Receptor in Different Cells of the Testis; It Involved in the Development of Spermatogenesis In Vitro International Journal of Molecular Sciences 2021-02-26 [PMID: 33652607]

Sawaied A, Lunenfeld E, Huleihel M. Interleukin-34, a Novel Paracrine/Autocrine Factor in Mouse Testis, and Its Possible Role in the Development of Spermatogonial Cells In Vitro International Journal of Molecular Sciences 2020-10-30 [PMID: 33143373]

Nagham Ali, Eitan Lunenfeld, Mahmoud Huleihel, Jaime Catalan, Manuel Álvarez-Rodríguez Effect of IL-1 $\beta$  on the Development of Spermatogenesis In Vitro in Normal and Busulfan-Treated Immature Mice International Journal of Molecular Sciences 2024-04-30 [PMID: 38732137]

Jorban, A;Lunenfeld, E;Huleihel, M; Effect of Temperature on the Development of Stages of Spermatogenesis and the Functionality of Sertoli Cells In Vitro International journal of molecular sciences 2024-02-10 [PMID: 38396838]

AbuMadighem A, Shuchat S, Lunenfeld E et al. Testis on a chip - a microfluidic 3-dimensional culture system for the development of spermatogenesis-in-vitro Biofabrication 2022-03-25 [PMID: 35334473]

Rore H, Owen N, Pina-Aguilar Re Et Al. Testicular somatic cell-like cells derived from embryonic stem cells induce differentiation of epiblasts into germ cells Communications biology 2021-06-28 [PMID: 34183774] (ICC/IF)

Bagdadi N, Sawaied A, AbuMadighem A, et al. The Expression Levels and Cellular Localization of Pigment Epithelium Derived Factor (PEDF) in Mouse Testis: Its Possible Involvement in the Differentiation of Spermatogonial Cells International journal of molecular sciences 2021-01-24 [PMID: 33498962] (IHC-P, Mouse)





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### **Products Related to NBP2-24558**

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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
H00054514-Q01-10ug	Recombinant Human VASA 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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