

# Product Datasheet

## SF-1/NR5A1/Steroidogenic Factor 1 Antibody NBP1-52823

Unit Size: 100 ul

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

[www.novusbio.com](http://www.novusbio.com)



[technical@novusbio.com](mailto:technical@novusbio.com)

### Publications: 4

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP1-52823](http://www.novusbio.com/NBP1-52823)

Updated 8/22/2023 v.20.1

Earn rewards for product  
reviews and publications.

Submit a publication at [www.novusbio.com/publications](http://www.novusbio.com/publications)

Submit a review at [www.novusbio.com/reviews/destination/NBP1-52823](http://www.novusbio.com/reviews/destination/NBP1-52823)

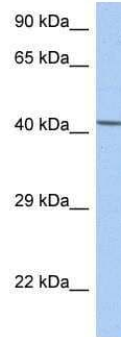


**NBP1-52823****SF-1/NR5A1/Steroidogenic Factor 1 Antibody**

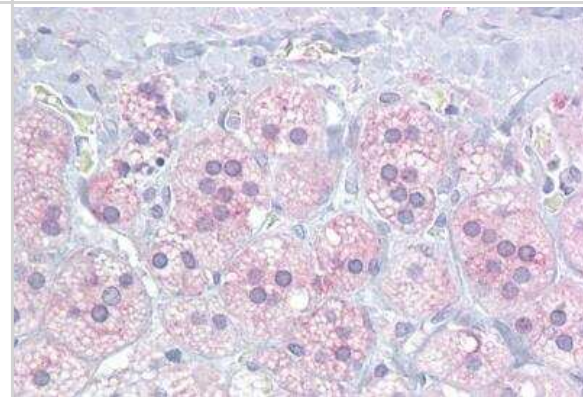
<b>Product Information</b>	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	0.5 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.09% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity purified
<b>Buffer</b>	PBS, 2% Sucrose
<b>Target Molecular Weight</b>	52 kDa
<b>Product Description</b>	
<b>Description</b>	The addition of 50% glycerol is optional for those storing this antibody at -20C and not aliquoting smaller units. However, please note that glycerol may interrupt some downstream antibody applications and should be added with caution.
<b>Host</b>	Rabbit
<b>Gene ID</b>	2516
<b>Gene Symbol</b>	NR5A1
<b>Species</b>	Human, Mouse
<b>Reactivity Notes</b>	Use in Mouse reported in scientific literature (PMID:34183774)
<b>Immunogen</b>	Synthetic peptides corresponding to SF1/Steroidogenic Factor 1 The peptide sequence was selected from the middle region of SF1/Steroidogenic Factor 1. Peptide sequence SLHGPEPKGLAAGPPAGPLGDFGAPALPMAVPGAHGPLAGYLYPAFFGRA. The peptide sequence for this immunogen was taken from within the described region.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Simple Western, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 1.0 ug/ml, Simple Western reported by internal validation, Immunohistochemistry 1:10-1:500, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin 4-8 ug/ml
<b>Application Notes</b>	Use in Immunocytochemistry/immunofluorescence reported in scientific literature (PMID : 30529237). In Simple Western internal validation: Human fetal adrenal glands as sample; separated by size; antibody dilution of 1:50; observed molecular weight was ~56 kDa; matrix was 12-230 kDa; detected by Chemiluminescence.

## Images

Western Blot: SF-1/NR5A1/Steroidogenic Factor 1 Antibody [NBP1-52823] - Titration: 0.2-1 ug/ml, Positive Control: THP-1 cell lysate.



Immunohistochemistry-Paraffin: SF-1/NR5A1/Steroidogenic Factor 1 Antibody [NBP1-52823] - Human adrenal tissue at an antibody concentration of 4-8ug/ml.



## Publications

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)

Pan S, Guo S, Liu L et al. Functional study of a novel c.630delG (p.Y211Tfs\*85) mutation in NR5A1 gene in a Chinese boy with 46,XY disorders of sex development J. Assist. Reprod. Genet. 2020-01-14 [PMID: 31938931] (WB)

Savchuk I, Morvan M. L, et al. Ontogenesis of human fetal testicular steroidogenesis at early gestational age. Steroids 2019-01-01 [PMID: 30529237] (ICC/IF, Human)

Savchuk I, Morvan M. L, et al. Androgenic potential of human fetal adrenals at the end of the first trimester. Endocr Connect 2017-08-01 [PMID: 28592511] (Human)



### Novus Biologicals USA

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### Bio-Techne Canada

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### Bio-Techne Ltd

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### General Contact Information

www.novusbio.com  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### Products Related to NBP1-52823

---

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00002516-P01-10ug	Recombinant Human SF-1/NR5A1/Steroidogenic Factor 1 GST (N-Term) Protein

---

### 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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

Earn gift cards/discounts by submitting a review: [www.novusbio.com/reviews/submit/NBP1-52823](http://www.novusbio.com/reviews/submit/NBP1-52823)

Earn gift cards/discounts by submitting a publication using this product:  
[www.novusbio.com/publications](http://www.novusbio.com/publications)

