

# Product Datasheet

## SPACA1 Antibody - BSA Free

### NBP1-80792

Unit Size: 0.1 ml

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**

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[www.novusbio.com/NBP1-80792](http://www.novusbio.com/NBP1-80792)

Updated 12/2/2025 v.20.1

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**NBP1-80792**

SPACA1 Antibody - BSA Free

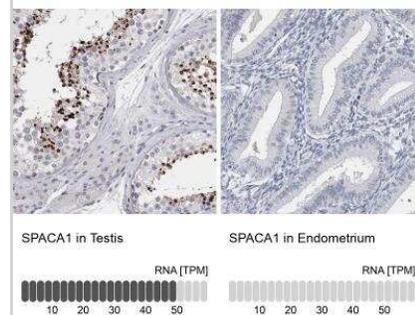
Product Information	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity purified
<b>Buffer</b>	PBS (pH 7.2) and 40% Glycerol

Product Description	
<b>Description</b>	Novus Biologicals Rabbit SPACA1 Antibody - BSA Free (NBP1-80792) is a polyclonal antibody validated for use in IHC and WB. Anti-SPACA1 Antibody: Cited in 4 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	81833
<b>Gene Symbol</b>	SPACA1
<b>Species</b>	Human
<b>Reactivity Notes</b>	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (85%), Rat (89%)
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: REVILTNGCPGGESKCVVRVEECRGPTDCGWGKPISESLESVRLACIHTSPLN RFKYMWKL

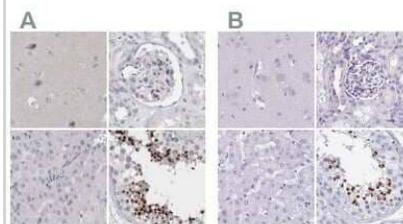
Product Application Details	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunohistochemistry-Paraffin 1:200 - 1:500
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

**Images**

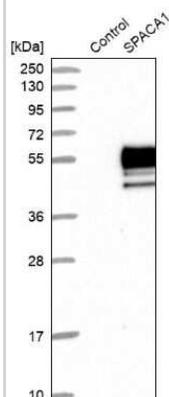
Immunohistochemistry-Paraffin: SPACA1 Antibody [NBP1-80792] - Staining in human testis and endometrium tissues using anti-SPACA1 antibody. Corresponding SPACA1 RNA-seq data are presented for the same tissues.



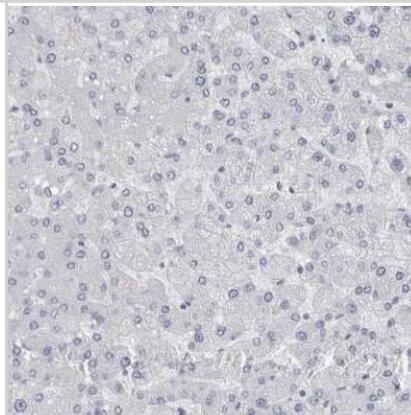
Immunohistochemistry-Paraffin: SPACA1 Antibody [NBP1-80792] - Staining of human cerebral cortex, kidney, liver and testis using Anti-SPACA1 antibody NBP1-80792 (A) shows similar protein distribution across tissues to independent antibody NBP2-38506 (B).



Western Blot: SPACA1 Antibody [NBP1-80792] - Analysis in control (vector only transfected HEK293T lysate) and SPACA1 over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (3.1 kDa) in mammalian HEK293T cells).



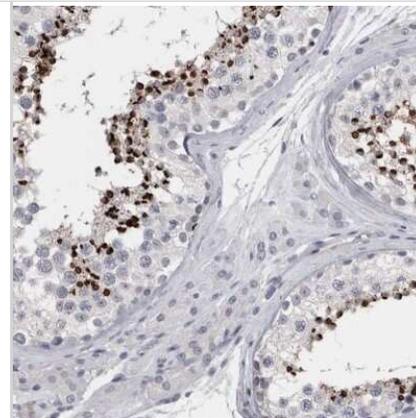
Immunohistochemistry-Paraffin: SPACA1 Antibody [NBP1-80792] - Staining of human Liver shows no positivity in hepatocytes as expected.



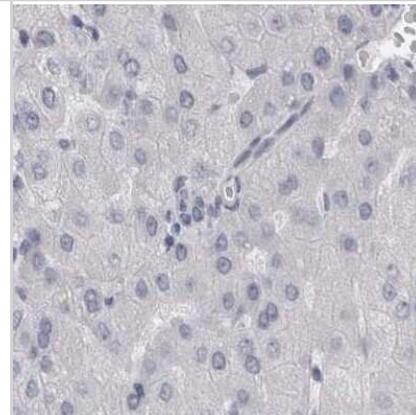
Immunohistochemistry-Paraffin: SPACA1 Antibody [NBP1-80792] - Staining of human endometrium shows low expression as expected.



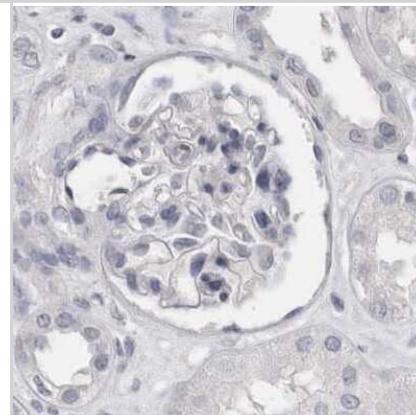
Immunohistochemistry-Paraffin: SPACA1 Antibody [NBP1-80792] - Staining of human testis shows high expression.



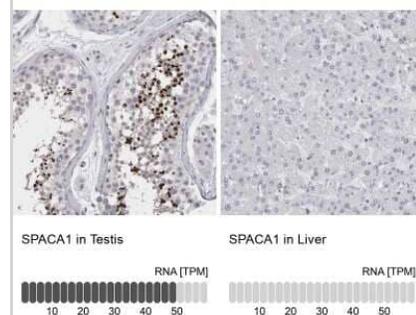
Immunohistochemistry-Paraffin: SPACA1 Antibody [NBP1-80792] - Staining of human liver.



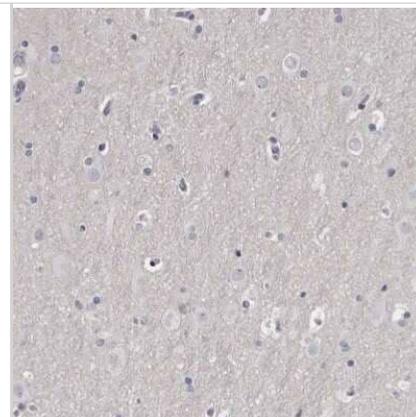
Immunohistochemistry-Paraffin: SPACA1 Antibody [NBP1-80792] - Staining of human kidney.



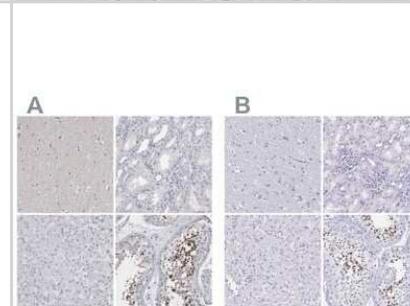
Immunohistochemistry-Paraffin: SPACA1 Antibody [NBP1-80792] - Analysis in human testis and liver tissues using NBP1-80792 antibody. Corresponding SPACA1 RNA-seq data are presented for the same tissues.



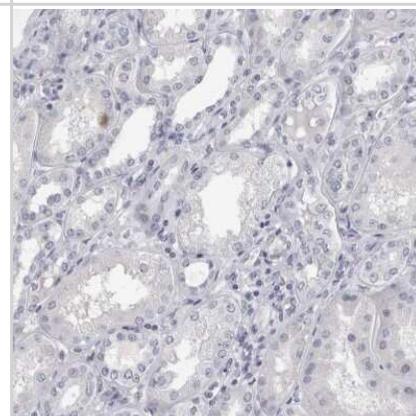
Immunohistochemistry-Paraffin: SPACA1 Antibody [NBP1-80792] - Staining of human Cerebral cortex shows no positivity in neuronal cells as expected.



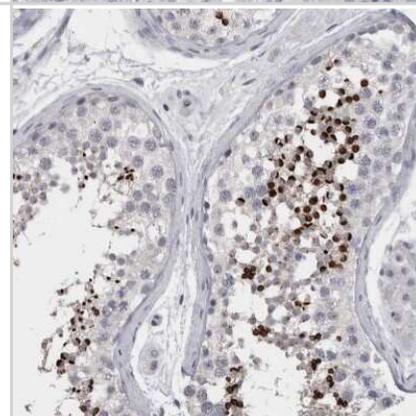
Immunohistochemistry-Paraffin: SPACA1 Antibody [NBP1-80792] - Staining of human cerebral cortex, kidney, liver and testis using Anti-SPACA1 antibody NBP1-80792 (A) shows similar protein distribution across tissues to independent antibody NBP2-38506 (B).



Immunohistochemistry-Paraffin: SPACA1 Antibody [NBP1-80792] - Staining of human Kidney shows no positivity in cells in tubules as expected.



Immunohistochemistry-Paraffin: SPACA1 Antibody [NBP1-80792] - Staining of human Testis shows strong cytoplasmic positivity in cells in seminiferous ducts.



## Publications

Imam KMSU, Tian Y, Xin F et al. Lactucin, a Bitter Sesquiterpene from Cichorium intybus, Inhibits Cancer Cell Proliferation by Downregulating the MAPK and Central Carbon Metabolism Pathway Molecules (Basel, Switzerland) 2022-10-29 [PMID: 36364182] (WB, Human)

Tesfay L, Paul BT, Hegde P et al. Complementary anti-cancer pathways triggered by inhibition of sideroflexin 4 in ovarian cancer Scientific reports 2022-11-19 [PMID: 36402786]

Streichemberger E, Perrin J, Saias-Magnan J et al. Case report of apoptosis in testis of four AZFc-deleted patients: increased DNA fragmentation during meiosis, but decreased apoptotic markers in post-meiotic germ cells. Hum Reprod 2012-07-01 [PMID: 22508792]

Longepied G, Saut N, Aknin-Seifer I et al. Complete deletion of the AZFb interval from the Y chromosome in an oligozoospermic man. Hum Reprod 2010-10-01 [PMID: 20716563]





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### **Products Related to NBP1-80792**

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NBP1-80792PEP	SPACA1 Recombinant Protein Antigen
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
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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Earn gift cards/discounts by submitting a publication using this product:  
[www.novusbio.com/publications](http://www.novusbio.com/publications)

