

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



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Publications: 4

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Updated 9/9/2025 v.20.1

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NBP1-80792

SPACA1 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

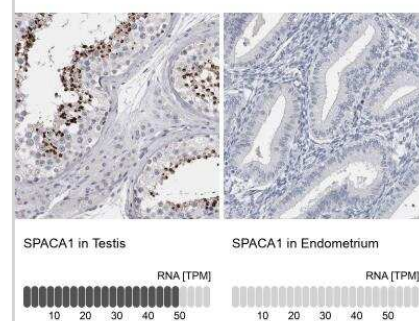
Description	Novus Biologicals Rabbit SPACA1 Antibody - BSA Free (NBP1-80792) is a polyclonal antibody validated for use in IHC and WB. Anti-SPACA1 Antibody: Cited in 4 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	81833
Gene Symbol	SPACA1
Species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

Product Application Details

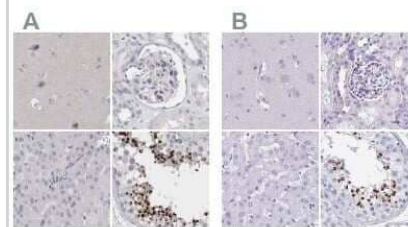
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

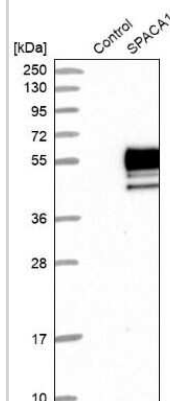
Immunohistochemistry-Paraffin: SPACA1 Antibody [NBP1-80792] - Staining in human testis and endometrium tissues using anti-SPACA1 antibody. Corresponding SPACA1 RNA-seq data are presented for the same tissues.



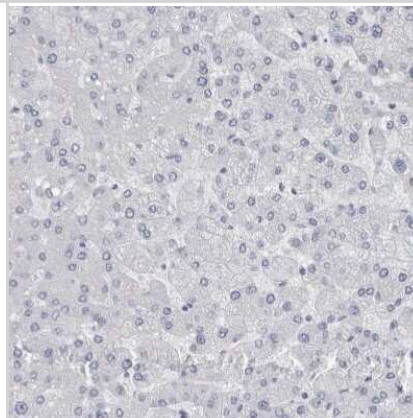
Immunohistochemistry-Paraffin: SPACA1 Antibody [NBP1-80792] - Staining of human cerebral cortex, kidney, liver and testis using Anti-SPACA1 antibody NBP1-80792 (A) shows similar protein distribution across tissues to independent antibody NBP2-38506 (B).



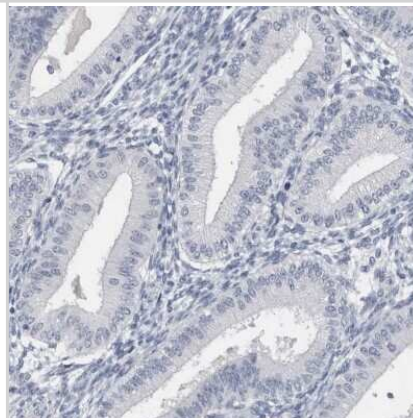
Western Blot: SPACA1 Antibody [NBP1-80792] - Analysis in control (vector only transfected HEK293T lysate) and SPACA1 over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (3.1 kDa) in mammalian HEK293T cells).



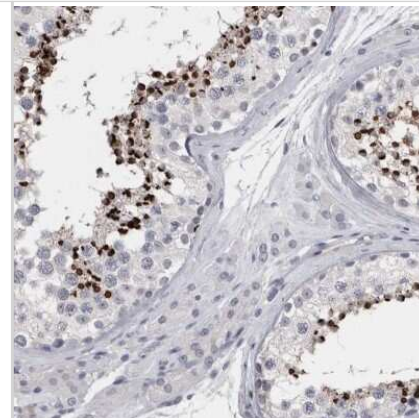
Immunohistochemistry-Paraffin: SPACA1 Antibody [NBP1-80792] - Staining of human Liver shows no positivity in hepatocytes as expected.



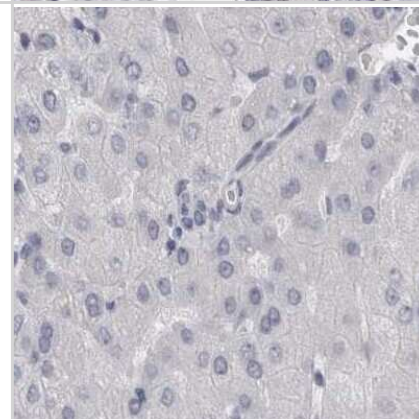
Immunohistochemistry-Paraffin: SPACA1 Antibody [NBP1-80792] - Staining of human endometrium shows low expression as expected.



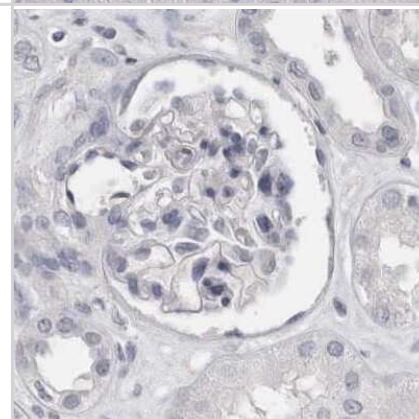
Immunohistochemistry-Paraffin: SPACA1 Antibody [NBP1-80792] - Staining of human testis shows high expression.



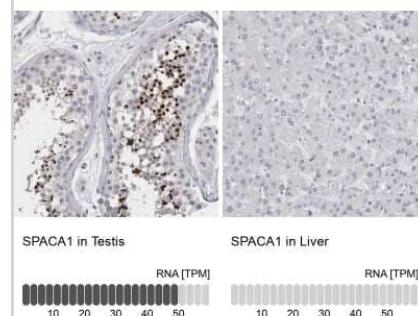
Immunohistochemistry-Paraffin: SPACA1 Antibody [NBP1-80792] - Staining of human liver.



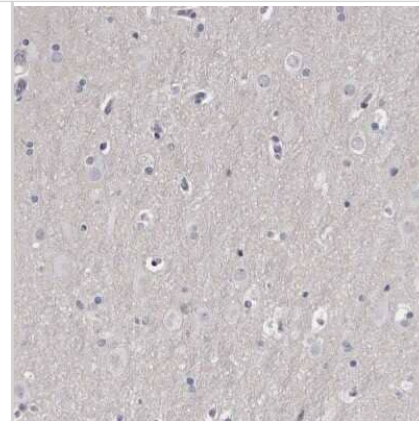
Immunohistochemistry-Paraffin: SPACA1 Antibody [NBP1-80792] - Staining of human kidney.



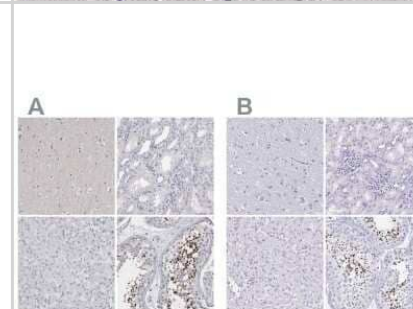
Immunohistochemistry-Paraffin: SPACA1 Antibody [NBP1-80792] - Analysis in human testis and liver tissues using NBP1-80792 antibody. Corresponding SPACA1 RNA-seq data are presented for the same tissues.



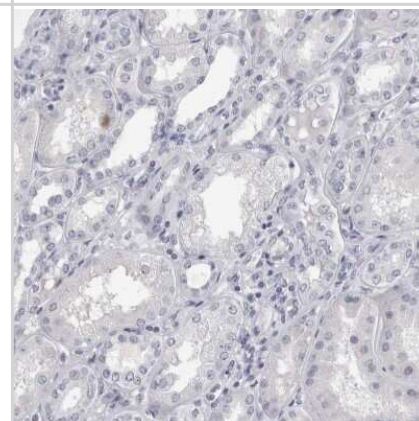
Immunohistochemistry-Paraffin: SPACA1 Antibody [NBP1-80792] - Staining of human Cerebral cortex shows no positivity in neuronal cells as expected.



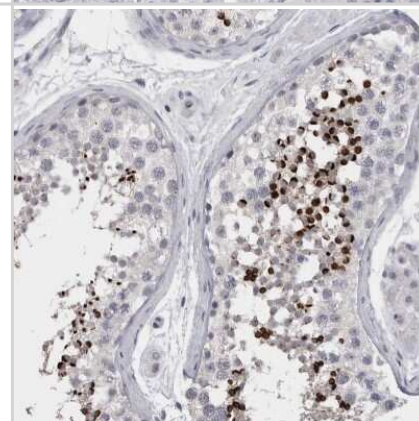
Immunohistochemistry-Paraffin: SPACA1 Antibody [NBP1-80792] - Staining of human cerebral cortex, kidney, liver and testis using Anti-SPACA1 antibody NBP1-80792 (A) shows similar protein distribution across tissues to independent antibody NBP2-38506 (B).



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

NBP1-80792PEP	SPACA1 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

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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