

# Product Datasheet

## SPERT Antibody - BSA Free

### NBP1-86592

Unit Size: 0.1 ml

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

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**NBP1-86592**

SPERT Antibody - BSA Free

<b>Product Information</b>	
<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

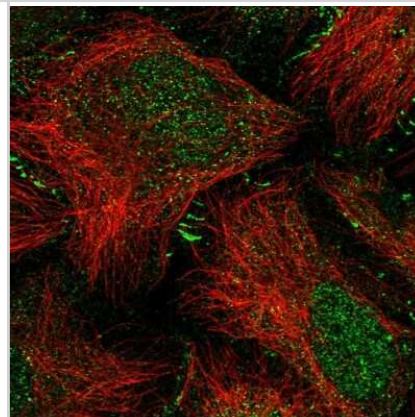
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Rabbit SPERT Antibody - BSA Free (NBP1-86592) is a polyclonal antibody validated for use in IHC and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	220082
<b>Gene Symbol</b>	SPERT
<b>Species</b>	Human
<b>Reactivity Notes</b>	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (89%)
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: ASQHSYPLNRFSSVPLDPMERPMSQADLELDYNPPRVQLSDEMVFVQDGRW VNENCRLQSPYFSPSASFHHKLHHK

<b>Product Application Details</b>	
<b>Applications</b>	Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Immunohistochemistry 1:2500 - 1:5000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:2500 - 1:5000
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended. Immunocytochemistry/Immunofluorescence Fixation Permeabilization: Use PFA/Triton X-100.

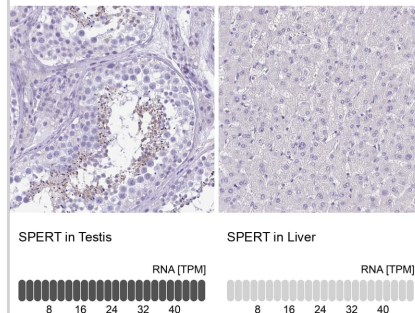


## Images

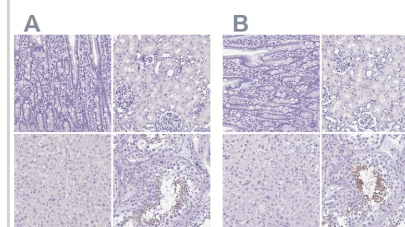
Immunocytochemistry/Immunofluorescence: SPERT Antibody [NBP1-86592] - Immunofluorescent staining of human cell line U-2 OS shows localization to nucleoplasm & cell junctions.



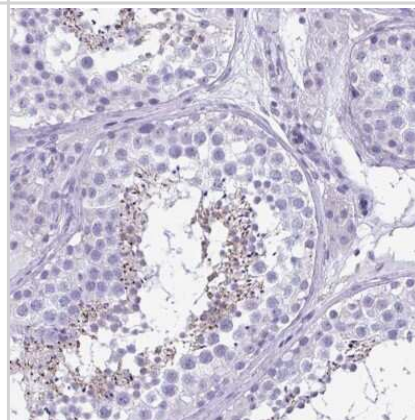
Analysis in human testis and liver tissues Corresponding SPERT RNA-seq data are presented for the same tissues.



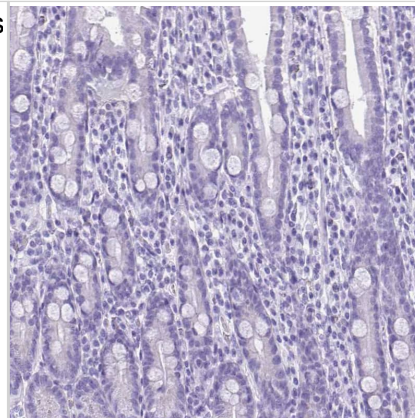
Staining of human gastrointestinal, kidney, liver and testis using Anti-SPERT antibody NBP1-86592 (A) shows similar protein distribution across tissues to independent antibody NBP1-86593 (B).



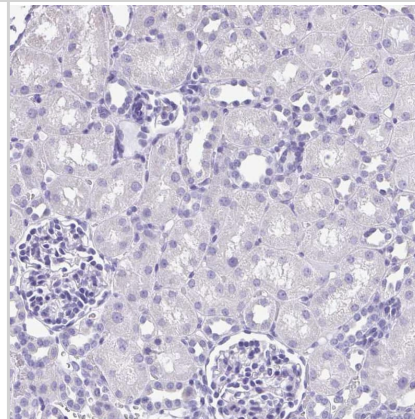
Immunohistochemistry-Paraffin: SPERT Antibody [NBP1-86592] - Staining of human testis shows high expression.



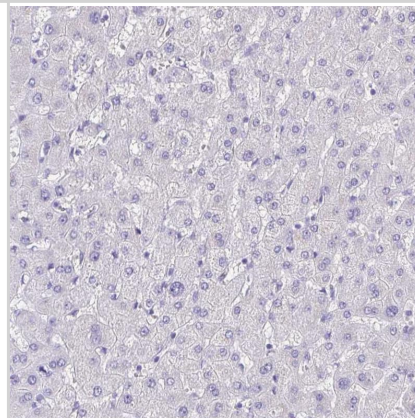
Staining of human small intestine shows no positivity in glandular cells as expected.



Staining of human kidney shows no positivity in cells in tubules as expected.



Staining of human liver shows no positivity in hepatocytes as expected.





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### **Products Related to NBP1-86592**

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NBP1-86592PEP	SPERT 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

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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.

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

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