

# Product Datasheet

## S5a/Angiocidin Antibody - BSA Free NBP1-90821

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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Updated 12/2/2025 v.20.1

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**NBP1-90821**

S5a/Angiocidin Antibody - BSA Free

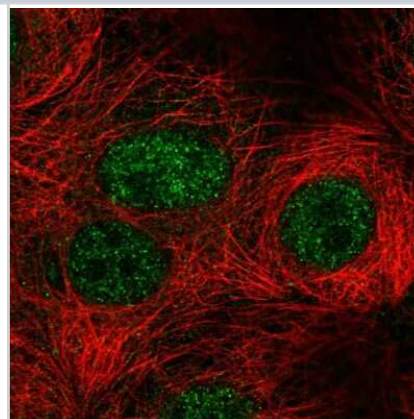
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Description	Novus Biologicals Rabbit S5a/Angiocidin Antibody - BSA Free (NBP1-90821) is a polyclonal antibody validated for use in IHC and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	5710
Gene Symbol	PSMD4
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: VCHSKTRSNPENNVGLITLANDCEVLTTLPDTGRILSKLHTVQPKGKITFCTGI

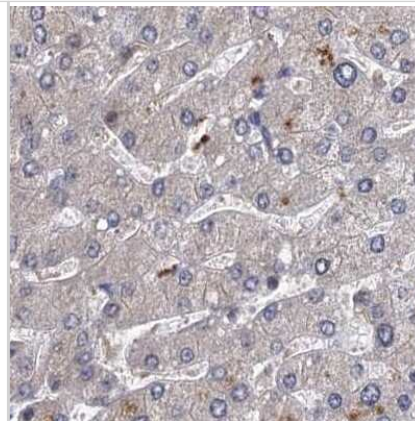
Product Application Details	
Applications	Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Immunohistochemistry 1:20 - 1:50, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:20 - 1:50
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. Immunocytochemistry/Immunofluorescence Fixation Permeabilization: Use PFA/Triton X-100.

**Images**

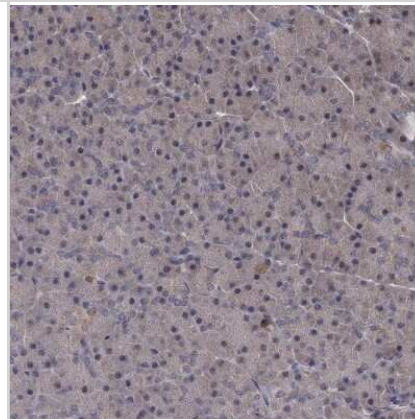
Immunocytochemistry/Immunofluorescence: S5a/Angiocidin Antibody [NBP1-90821] - Immunofluorescent staining of human cell line MCF7 shows localization to nucleoplasm. Antibody staining is shown in green.



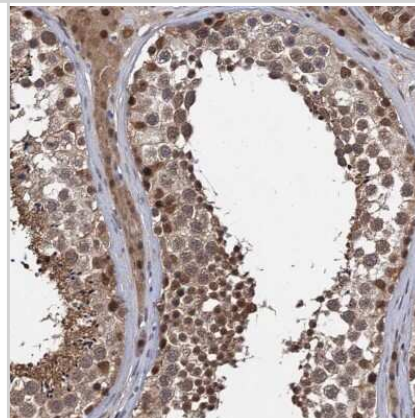
Immunohistochemistry-Paraffin: S5a/Angiocidin Antibody [NBP1-90821]  
- Staining of human liver.



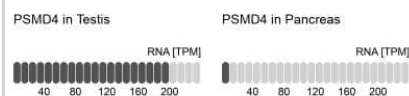
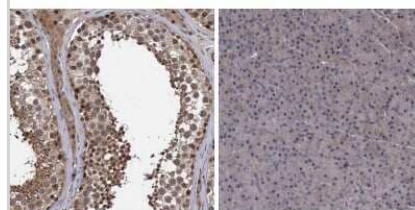
Immunohistochemistry-Paraffin: S5a/Angiocidin Antibody [NBP1-90821]  
- Staining of human pancreas shows low expression as expected.



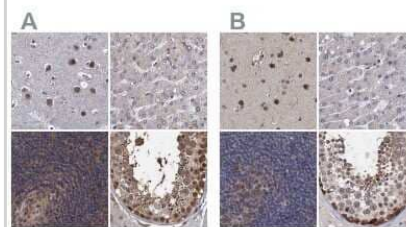
Immunohistochemistry-Paraffin: S5a/Angiocidin Antibody [NBP1-90821]  
- Staining of human testis shows high expression.



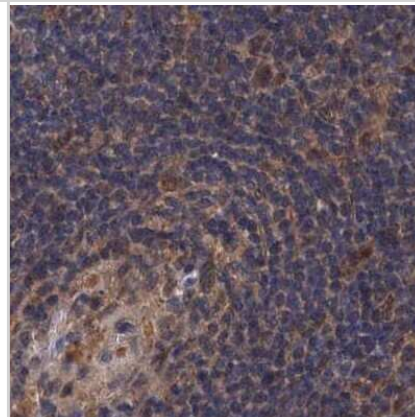
Immunohistochemistry-Paraffin: S5a/Angiocidin Antibody [NBP1-90821]  
- Staining in human testis and pancreas tissues using anti-PSMD4 antibody. Corresponding PSMD4 RNA-seq data are presented for the same tissues.



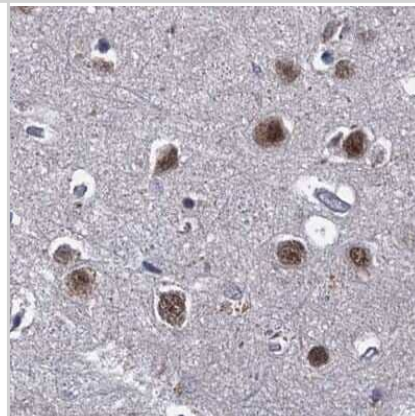
Immunohistochemistry-Paraffin: S5a/Angiocidin Antibody [NBP1-90821]  
- Staining of human cerebral cortex, liver, lymph node and testis using Anti-PSMD4 antibody NBP1-90821 (A) shows similar protein distribution across tissues to independent antibody NBP2-37888 (B).



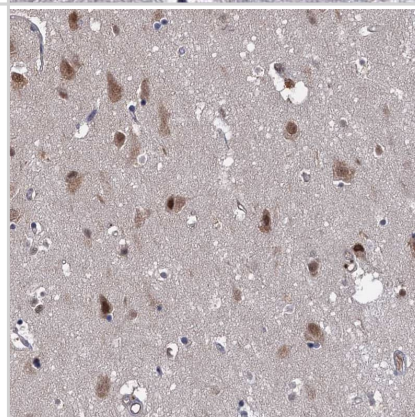
Immunohistochemistry-Paraffin: S5a/Angiocidin Antibody [NBP1-90821]  
- Staining of human lymph node.



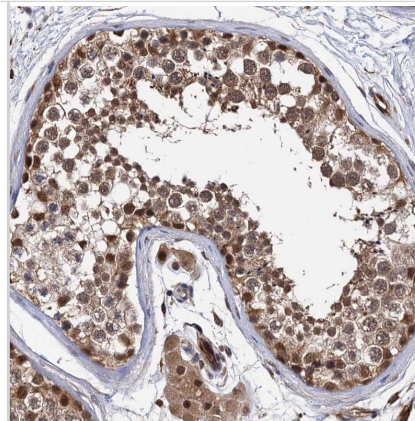
Immunohistochemistry-Paraffin: S5a/Angiocidin Antibody [NBP1-90821]  
- Staining of human cerebral cortex.



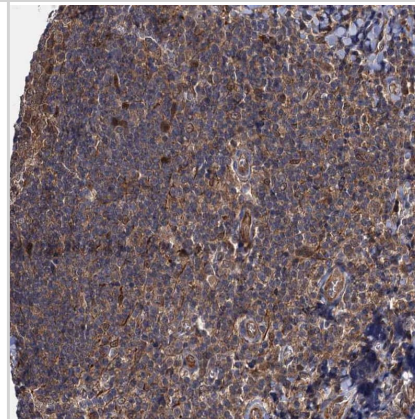
Staining of human cerebral cortex shows moderate nuclear positivity in neurons.



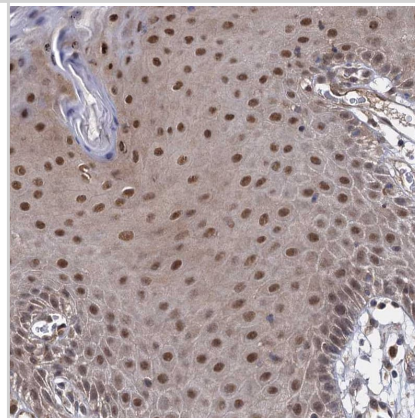
Staining of human testis shows moderate cytoplasmic and nuclear positivity in cells in seminiferous ducts.



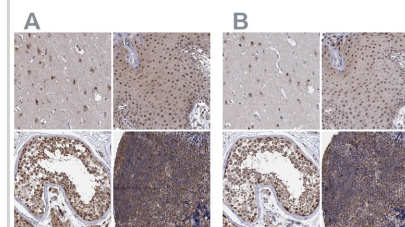
Staining of human tonsil shows moderate cytoplasmic and nuclear positivity in germinal center cells.



Staining of human skin shows strong nuclear positivity in squamous epithelial cells.



Staining of human cerebral cortex).





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### **Products Related to NBP1-90821**

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NBP1-90821PEP	S5a/Angiostatin 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.

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