

# Product Datasheet

## SP100 Antibody - BSA Free

### NBP1-89457

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)



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#### Publications: 1

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Updated 12/2/2025 v.20.1

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**NBP1-89457**

SP100 Antibody - BSA Free

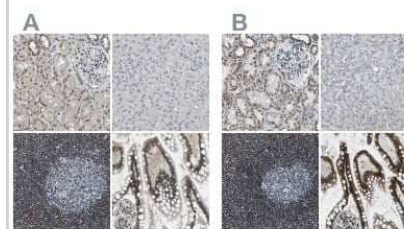
Product Information	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<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 SP100 Antibody - BSA Free (NBP1-89457) is a polyclonal antibody validated for use in IHC and ICC/IF. Anti-SP100 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	6672
<b>Gene Symbol</b>	SP100
<b>Species</b>	Human
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: YKGFENVIHDKLPLQESEEEEEEREERSGLQLSLEQGTGENSFRSLTWPPSGSPS HAGTTPPENGLSEHPCETEQINAKRKDTTSDKDDSLGSQQTNEQCAQKAQEA ESCEQIAVQVNNGDAGREMPCL

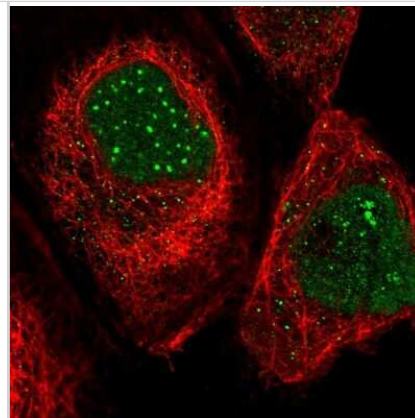
Product Application Details	
<b>Applications</b>	Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

**Images**

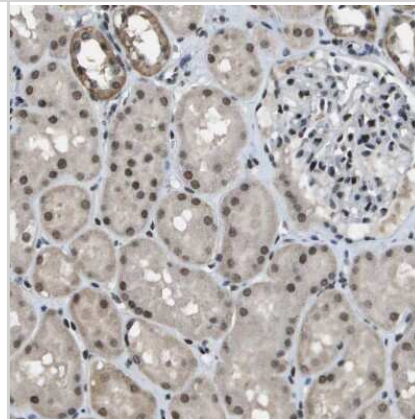
Immunohistochemistry-Paraffin: SP100 Antibody [NBP1-89457] - Staining of human kidney, liver, lymph node and small intestine using Anti-SP100 antibody NBP1-89457 (A) shows similar protein distribution across tissues to independent antibody NBP1-86060 (B).



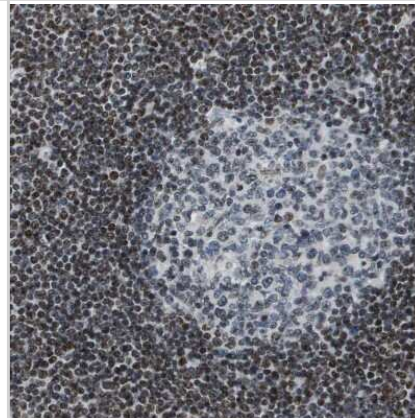
Immunocytochemistry/Immunofluorescence: SP100 Antibody [NBP1-89457] - Staining of human cell line A-431 shows localization to nucleus & nuclear bodies. Antibody staining is shown in green.



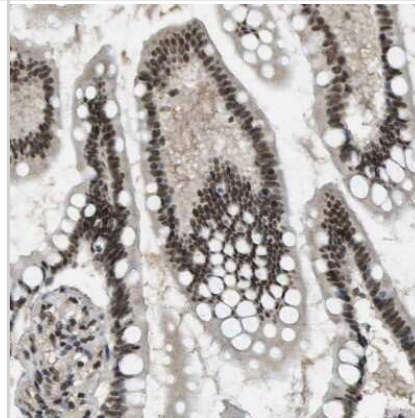
Immunohistochemistry-Paraffin: SP100 Antibody [NBP1-89457] - Staining of human kidney shows moderate nuclear positivity in cells in tubules.



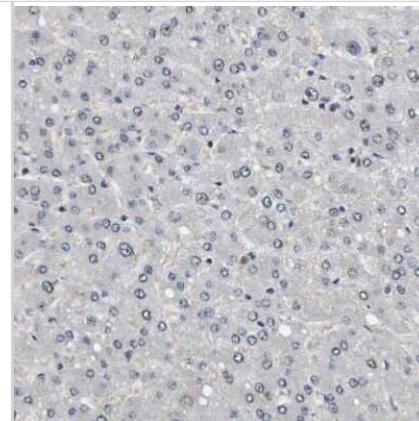
Immunohistochemistry-Paraffin: SP100 Antibody [NBP1-89457] - Staining of human lymph node shows strong nuclear positivity in non-germinal center cells.



Immunohistochemistry-Paraffin: SP100 Antibody [NBP1-89457] - Staining of human small intestine shows strong nuclear positivity in glandular cells.



Immunohistochemistry-Paraffin: SP100 Antibody [NBP1-89457] -  
Staining of human liver shows no positivity in hepatocytes as expected.



## Publications

Xiang Gu, Ai Zhuang, Jie Yu, Ludi Yang, Shengfang Ge, Jing Ruan, Renbing Jia, Xianqun Fan, Peiwei Chai Histone lactylation-boosted ALKBH3 potentiates tumor progression and diminished promyelocytic leukemia protein nuclear condensates by m1A demethylation of SP100A. *Nucleic acids research* 2023-12-20 [PMID: 38118002]



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### **Products Related to NBP1-89457**

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NBP1-89457PEP	SP100 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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