

Product Datasheet

SP100 Antibody - BSA Free

NBP1-86060

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: 2

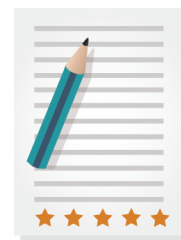
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NBP1-86060

SP100 Antibody - BSA Free

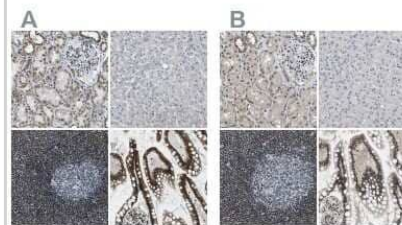
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Host	Rabbit
Gene ID	6672
Gene Symbol	SP100
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: QARTHNNQASDIIVISSEDSSEGSTDVDEPLEVFISAPRSEPVINNDNPLESNDEK EGQEATCSRQPQIVPEPMDFRKLSTFRESFKKRVIGQDHFSESSE

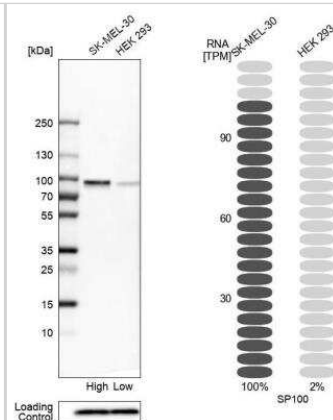
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Micro
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunohistochemistry-Paraffin 1:200 - 1:500, Micro Reported in scientific literature (PMID 28095508).
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

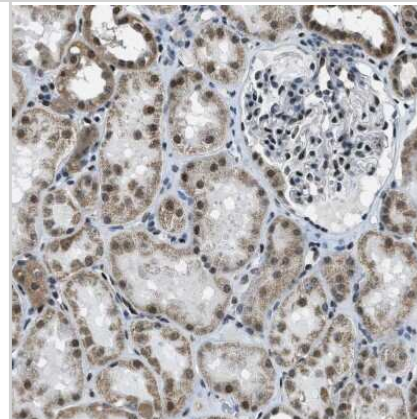
Immunohistochemistry-Paraffin: SP100 Antibody [NBP1-86060] - Staining of human kidney, liver, lymph node and small intestine using Anti-SP100 antibody NBP1-86060 (A) shows similar protein distribution across tissues to independent antibody NBP1-89457 (B).



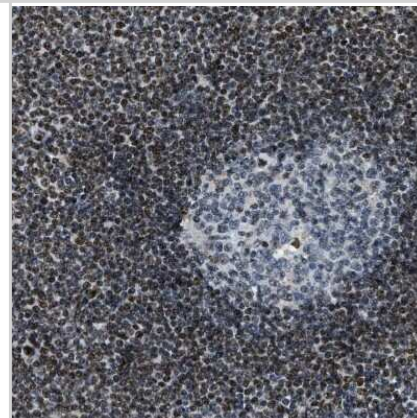
Western Blot: SP100 Antibody [NBP1-86060] - Analysis in human cell lines SK-MEL-30 and HEK293. Corresponding RNA-seq data are presented for the same cell lines. Loading control: Anti-PFN1.



Immunohistochemistry-Paraffin: SP100 Antibody [NBP1-86060] - Staining of human kidney shows moderate nuclear positivity in cells in tubules.



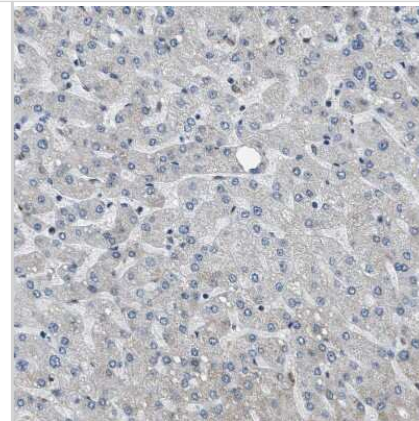
Immunohistochemistry-Paraffin: SP100 Antibody [NBP1-86060] - Staining of human lymph node shows strong nuclear positivity in non-germinal center cells.



Immunohistochemistry-Paraffin: SP100 Antibody [NBP1-86060] - Staining of human small intestine shows strong nuclear positivity in glandular cells.



Immunohistochemistry-Paraffin: SP100 Antibody [NBP1-86060] -
Staining of human liver shows no positivity in hepatocytes as expected.



Publications

Niu C, Livingston CM, Li L et al. The Smc5/6 Complex Restricts HBV when Localized to ND10 without Inducing an Innate Immune Response and Is Counteracted by the HBV X Protein Shortly after Infection PLoS ONE 2017-01-17 [PMID: 28095508] (Micro, Human)

Stepp WH, Meyers JM, McBride AA. Sp100 Provides Intrinsic Immunity against Human Papillomavirus Infection. mBio 2013-11-05 [PMID: 24194542]



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Products Related to NBP1-86060

NBP1-86060PEP	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

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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