

# Product Datasheet

## PADI4 Antibody - BSA Free

### NBP1-87353

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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**NBP1-87353**

PADI4 Antibody - BSA Free

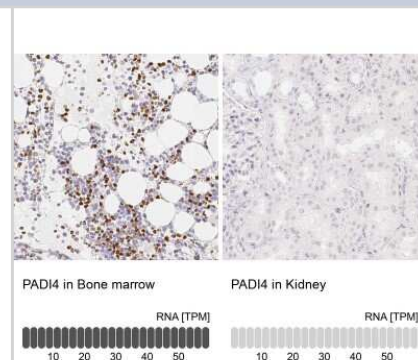
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Description	Novus Biologicals Rabbit PADI4 Antibody - BSA Free (NBP1-87353) is a polyclonal antibody validated for use in IHC and WB. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	23569
Gene Symbol	PADI4
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: CEDDEVLDSEDLQDMSLMTLSTKTPKDFFTNHTLVLHVARSEMDKVRVVFQATR GKLSSKCSVVLGPKWPSHYLMVPGGKHNMDFYVEALAFPDTDFPGLITLTISLL D

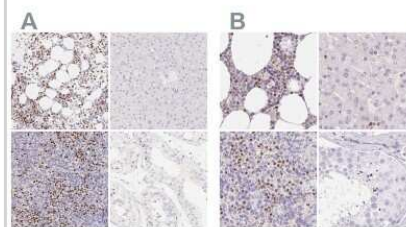
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

**Images**

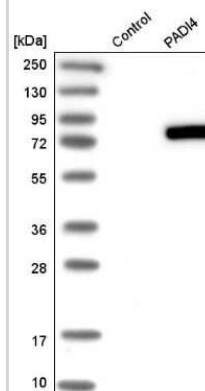
Immunohistochemistry-Paraffin: PADI4 Antibody [NBP1-87353] - Analysis in human bone marrow and kidney tissues. Corresponding PADI4 RNA-seq data are presented for the same tissues.



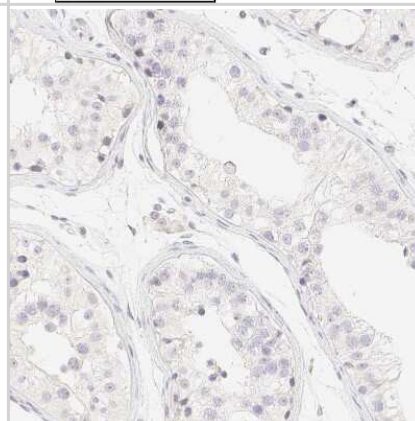
Immunohistochemistry-Paraffin: PADI4 Antibody [NBP1-87353] - Staining of human bone marrow, liver, spleen and testis using Anti-PADI4 antibody NBP1-87353 (A) shows similar protein distribution across tissues to independent antibody NBP2-38499 (B).



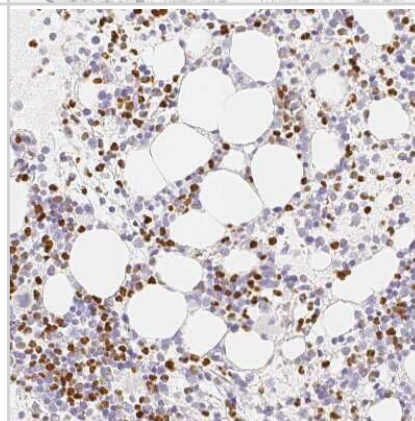
Western Blot: PADI4 Antibody [NBP1-87353] - Analysis in control (vector only transfected HEK293T lysate) and pADI4 over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (3.1 kDa) in mammalian HEK293T cells).



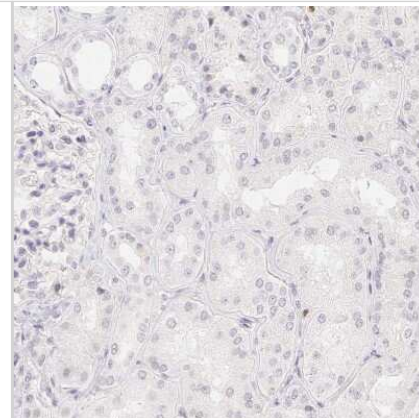
Immunohistochemistry-Paraffin: PADI4 Antibody [NBP1-87353] - Staining of human testis shows no nuclear positivity in cells in seminiferous ducts as expected.



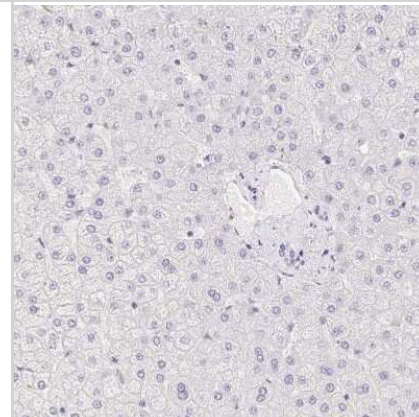
Immunohistochemistry-Paraffin: PADI4 Antibody [NBP1-87353] - Staining of human bone marrow shows strong nuclear positivity in hematopoietic cells.



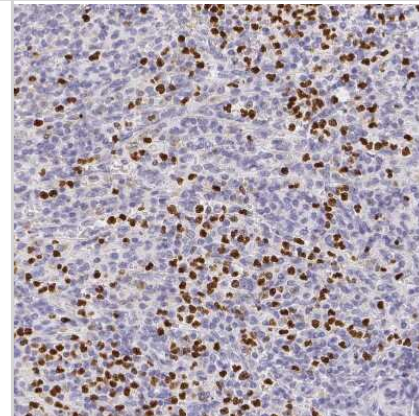
Immunohistochemistry-Paraffin: PADI4 Antibody [NBP1-87353] - Staining of human kidney shows no nuclear positivity as expected.



Immunohistochemistry-Paraffin: PADI4 Antibody [NBP1-87353] - Staining of human liver shows no nuclear positivity in hepatocytes as expected.



Immunohistochemistry-Paraffin: PADI4 Antibody [NBP1-87353] - Staining of human spleen shows strong nuclear positivity in cells in red pulp.





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### **Products Related to NBP1-87353**

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NBP1-87353PEP	PADI4 Recombinant Protein Antigen
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
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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