

# Product Datasheet

## Collagen XVII Antibody - BSA Free NBP1-91800

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: 2

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**NBP1-91800**

Collagen XVII Antibody - BSA Free

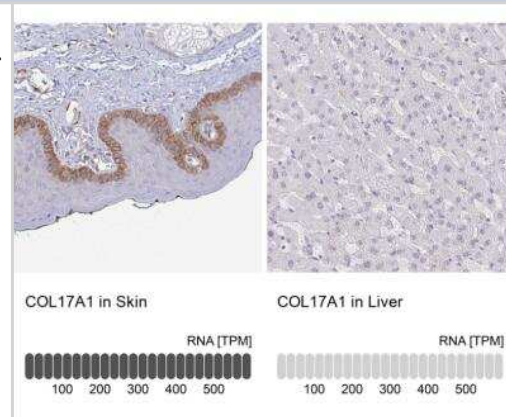
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Description	Novus Biologicals Rabbit Collagen XVII Antibody - BSA Free (NBP1-91800) is a polyclonal antibody validated for use in IHC and WB. Anti-Collagen XVII Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	1308
Gene Symbol	COL17A1
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: DGTEVTERIVTETVTTRRLTSLPPKGGTSTNGYAKTASLGGGSRLEKQSLTHGSS GYINSTGSTRGHASTSSYRRRAHSPASTLPNSPGSTFERKTHVTR

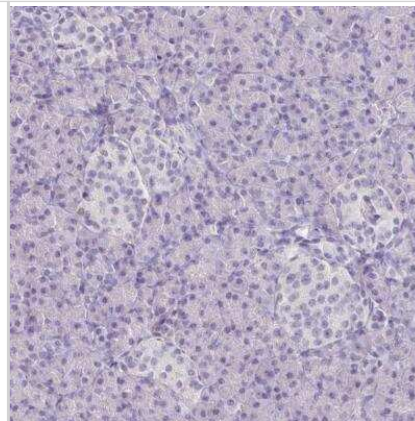
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunohistochemistry-Paraffin 1:500-1:1000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

**Images**

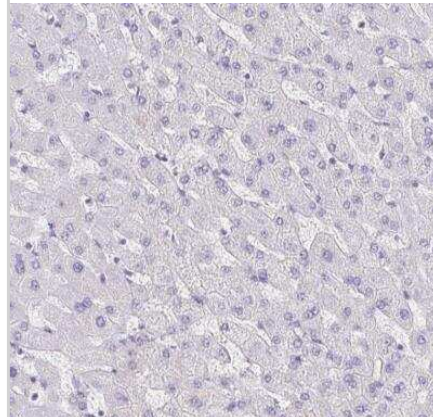
Immunohistochemistry-Paraffin: Collagen XVII Antibody [NBP1-91800] - Analysis in human skin and liver tissues. Corresponding COL17A1 RNA-seq data are represented for the same tissues.



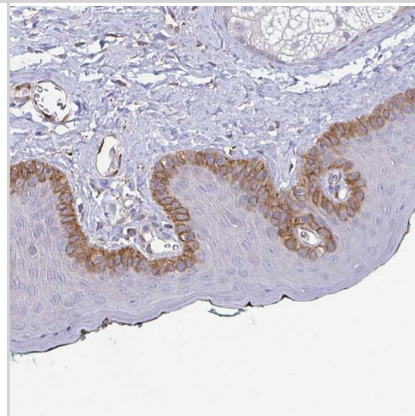
Immunohistochemistry-Paraffin: Collagen XVII Antibody [NBP1-91800] - Staining of human pancreas shows no positivity in exocrine glandular cells as expected.



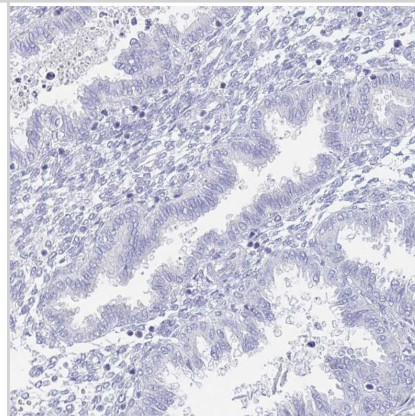
Immunohistochemistry-Paraffin: Collagen XVII Antibody [NBP1-91800] - Staining of human liver shows no positivity in hepatocytes as expected.



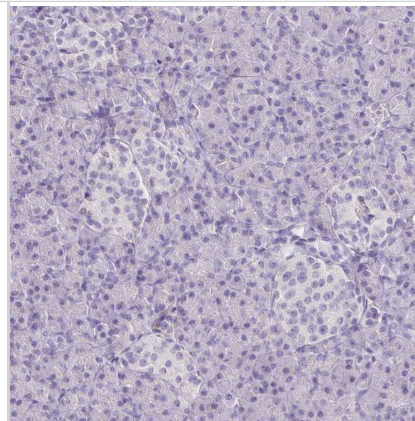
Staining of human skin shows moderate membranous positivity in basal layer of epidermal cells.



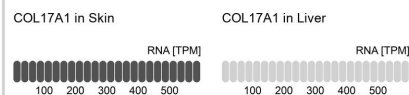
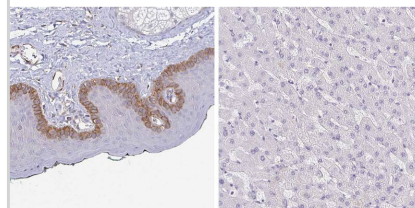
Staining of human endometrium shows no positivity in glandular cells as expected.



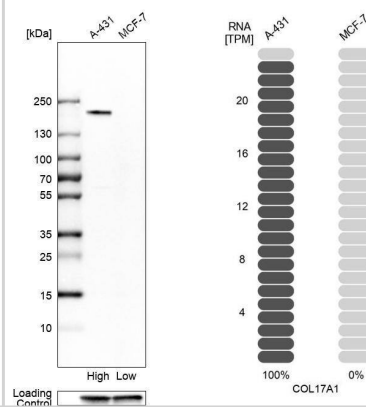
Staining of human pancreas shows no positivity in exocrine glandular cells as expected.



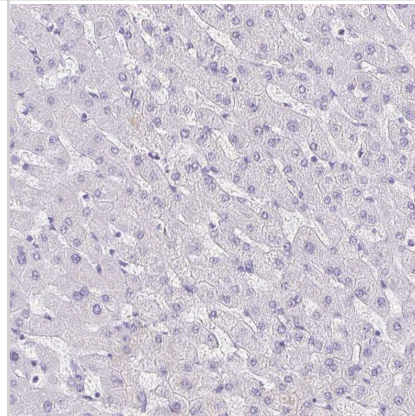
Analysis in human skin and liver tissues using NBP1-91800 antibody. Corresponding COL17A1 RNA-seq data are presented for the same tissues.



Analysis in human cell lines A-431 and MCF-7 using Anti-COL17A1 antibody. Corresponding COL17A1 RNA-seq data are presented for the same cell lines. Loading control: Anti-GAPDH.



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



## Publications

Vahidnezhad H, Youssefian L, Saeidian AH et al. Kindler epidermolysis bullosa-like skin phenotype and downregulated basement membrane zone gene expression in poikiloderma with neutropenia and a homozygous USB1 mutation *Matrix biology : journal of the International Society for Matrix Biology* 2021-05-15 [PMID: 34004352]

Laval S, Laklai H, Fanjul M et al. Dual roles of hemidesmosomal proteins in the pancreatic epithelium: the phosphoinositide 3-kinase decides. *Oncogene* 2014-04-10 [PMID: 23624916]





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### **Products Related to NBP1-91800**

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NBP1-91800PEP	Collagen XVII 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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