

# Product Datasheet

## SAMM50 Antibody - BSA Free NBP1-84509

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 3/30/2026 v.20.1

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**NBP1-84509**

SAMM50 Antibody - BSA Free

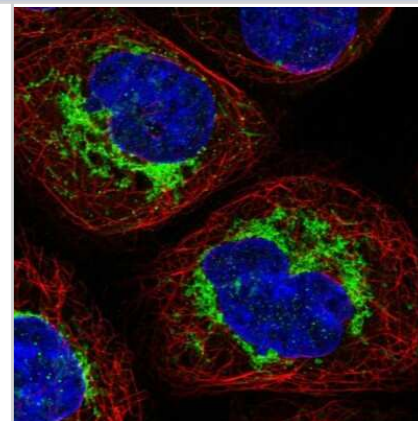
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Host	Rabbit
Gene ID	25813
Gene Symbol	SAMM50
Species	Human, Mouse, Rat
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: HARSLEPLPSSGPDFGGLGEEAEFVEVEPEAKQEILENKDVVVQHVHFDGLGR TKDDIIICEIGDVFKAKNLIEVMRKSHEAREKLLRLGIFRQVDVLID

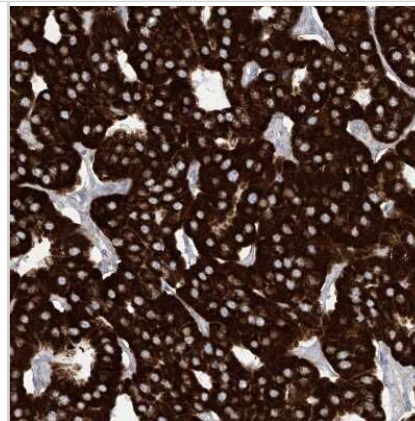
Product Application Details	
Applications	Western Blot, Simple Western, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Simple Western 1:4, Immunohistochemistry 1:1000 - 1:2500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:1000 - 1:2500
Application Notes	ICC/IF Fixation Permeabilization: Use PFA/Triton X-100. IHC-Paraffin HIER pH6 retrieval is recommended. See <a href="#">Simple Western Antibody Database</a> for Simple Western validation: Tested in RT-4 and U-251MG, separated by Size, antibody dilution of 1:4, apparent MW was 56 kDa

**Images**

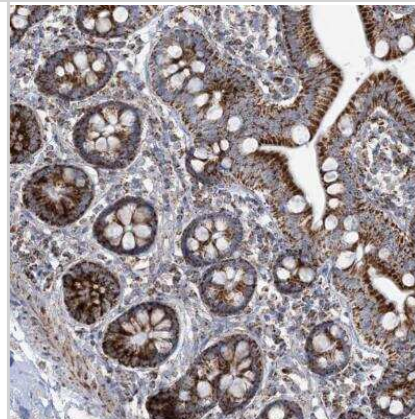
Immunocytochemistry/Immunofluorescence: SAMM50 Antibody [NBP1-84509] - Staining of human cell line A-431 shows localization to mitochondria. Antibody staining is shown in green.



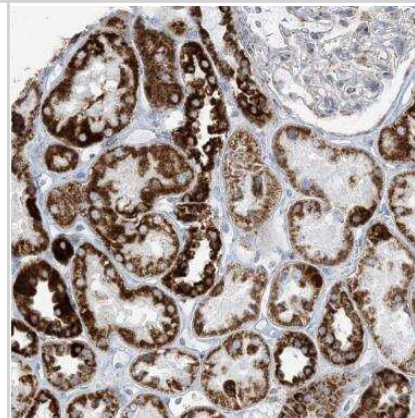
Immunohistochemistry-Paraffin: SAMM50 Antibody [NBP1-84509] - Staining of human parathyroid gland shows very strong granular cytoplasmic positivity in glandular cells.



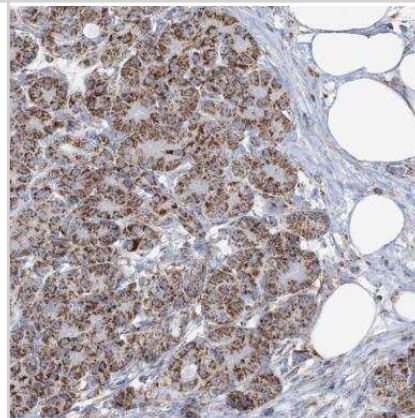
Immunohistochemistry-Paraffin: SAMM50 Antibody [NBP1-84509] - Staining of human small intestine shows strong cytoplasmic granular positivity in glandular cells.



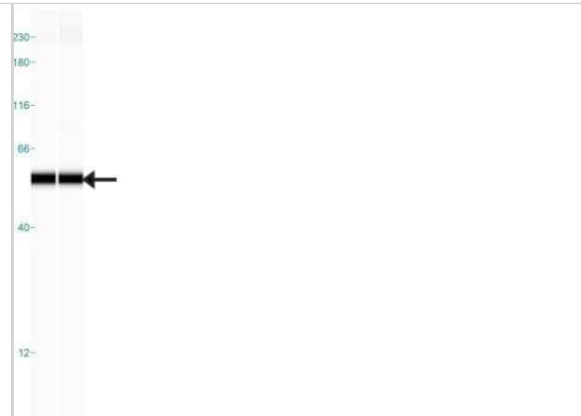
Immunohistochemistry-Paraffin: SAMM50 Antibody [NBP1-84509] - Staining of human kidney shows very strong cytoplasmic granular positivity in cells in tubules.



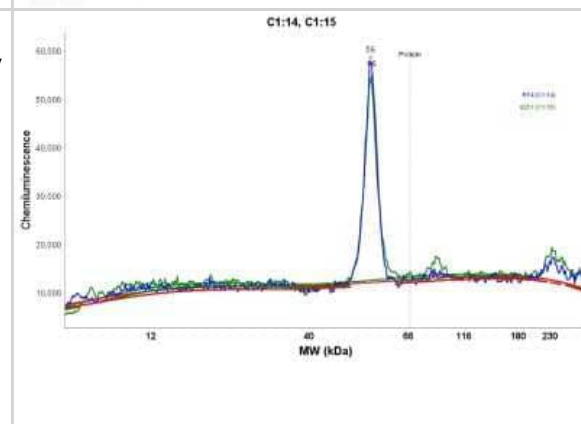
Immunohistochemistry-Paraffin: SAMM50 Antibody [NBP1-84509] - Staining of human pancreas shows moderate cytoplasmic granular positivity in exocrine glandular cells.



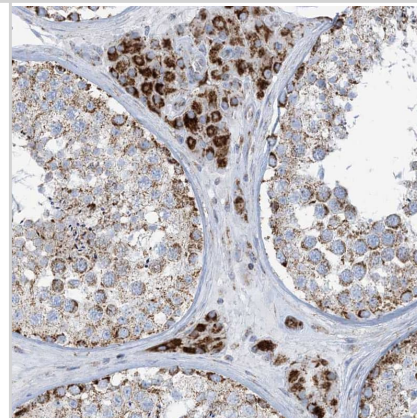
Simple Western: SAMM50 Antibody [NBP1-84509] - Simple Western lane view shows a specific band for SAMM50 in 0.2 mg/ml of RT-4 (Left) and U-251MG (Right) lysate. This experiment was performed under reducing conditions using the 12-230 kDa separation system.



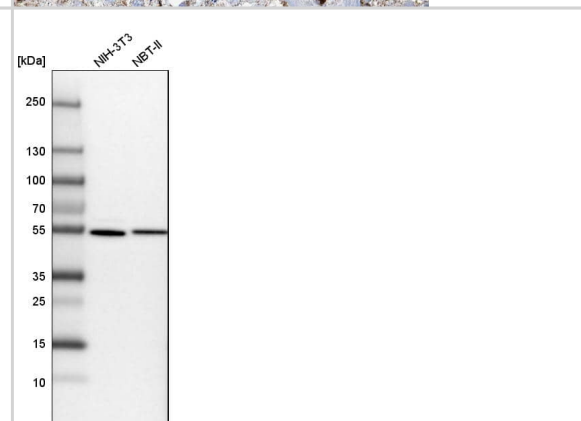
Simple Western: SAMM50 Antibody [NBP1-84509] - Electropherogram image(s) of corresponding Simple Western lane view. SAMM50 antibody was used at 1:4 dilution on RT-4 and U-251MG lysate(s).



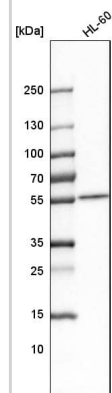
Staining of human testis shows strong cytoplasmic granular positivity in Leydig cells.



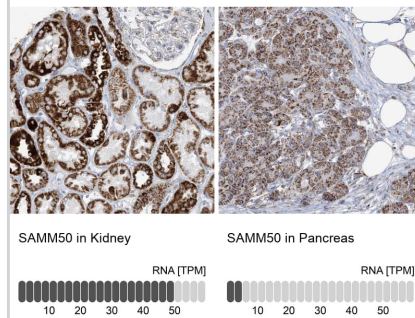
Analysis in mouse cell line NIH-3T3 and rat cell line NBT-II.



Analysis in human cell line HL-60.



Analysis in human kidney and pancreas tissues using HPA034537 antibody. Corresponding SAMM50 RNA-seq data are presented for the same tissues.



## Publications

Takamitsu E, Otsuka M, Haebara T et al. Identification of Human N-Myristoylated Proteins from Human Complementary DNA Resources by Cell-Free and Cellular Metabolic Labeling Analyses. PLoS One 2015-01-01 [PMID: 26308446] (IP, ICC/IF, Human)



### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

www.novusbio.com  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NBP1-84509**

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NBP1-84509PEP	SAMM50 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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