

# Product Datasheet

## SLC23A1 Antibody - BSA Free NBP2-13318

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)



[technical@novusbio.com](mailto:technical@novusbio.com)

### Publications: 3

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP2-13318](http://www.novusbio.com/NBP2-13318)

Updated 12/2/2025 v.20.1

Earn rewards for product  
reviews and publications.

Submit a publication at [www.novusbio.com/publications](http://www.novusbio.com/publications)

Submit a review at [www.novusbio.com/reviews/destination/NBP2-13318](http://www.novusbio.com/reviews/destination/NBP2-13318)



**NBP2-13318**

SLC23A1 Antibody - BSA Free

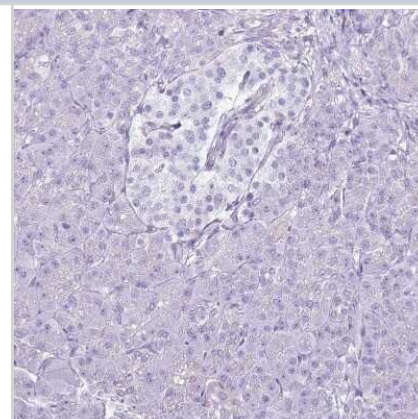
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Description	Novus Biologicals Rabbit SLC23A1 Antibody - BSA Free (NBP2-13318) is a polyclonal antibody validated for use in IHC and WB. Anti-SLC23A1 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	9963
Gene Symbol	SLC23A1
Species	Human
Immunogen	This antibody was developed against a recombinant protein corresponding to the amino acids: NTVPGSPEERGLIQWKAGAHANSDMSSSLKSYDFPIGMGIVKRITFLKYIPICPV FKGFSSSSKDQIAIPEDTPENTETAS

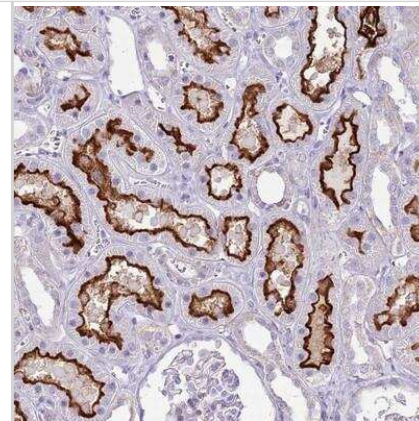
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. WB reported in the scientific literature (PMID: 30285481).

**Images**

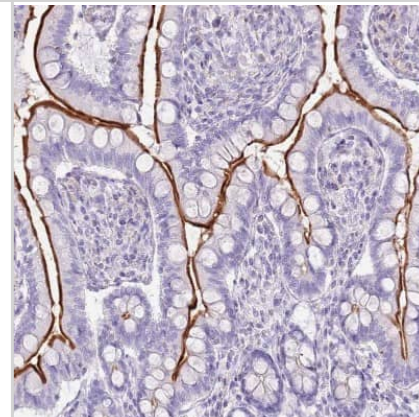
Immunohistochemistry-Paraffin: SLC23A1 Antibody [NBP2-13318] - Staining of human pancreas shows no positivity as expected.



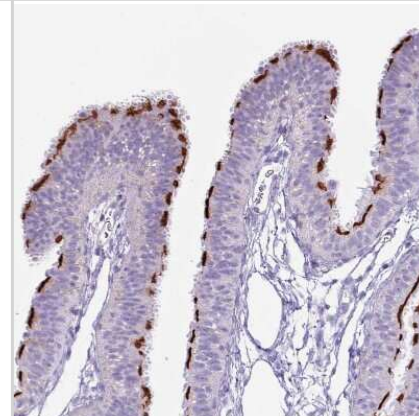
Immunohistochemistry-Paraffin: SLC23A1 Antibody [NBP2-13318] - Staining of human kidney shows strong membranous positivity in cells in tubules.



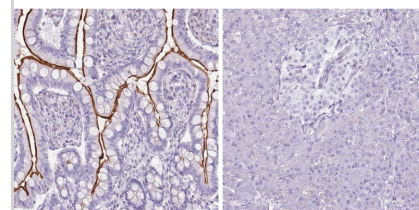
Immunohistochemistry-Paraffin: SLC23A1 Antibody [NBP2-13318] - Staining of human small intestine shows strong positivity in luminal membrane in glandular cells.



Immunohistochemistry-Paraffin: SLC23A1 Antibody [NBP2-13318] - Staining of human fallopian tube shows moderate to strong positivity in apical membrane of ciliated cells.

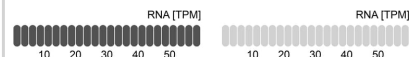


Analysis in human small intestine and pancreas tissues using NBP2-13318 antibody. Corresponding SLC23A1 RNA-seq data are presented for the same tissues.

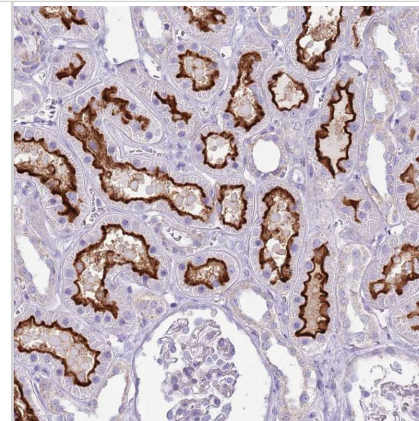


SLC23A1 in Small intestine

SLC23A1 in Pancreas



Staining of human kidney shows moderate to strong positivity in apical membrane in cells in tubules.



## Publications

Qin S, Wang G, Chen L et al. Pharmacological vitamin C inhibits mTOR signaling and tumor growth by degrading Rictor and inducing HMOX1 expression PLoS genetics 2023-02-01 [PMID: 36787291] (WB, Human)

Romo D, Velmurugan K, Upham BL et al. Expression and Clinicopathological Implications of the Vitamin C Transporters SVCT-1 and SVCT-2 in Colon Cancer Thesis (IHC-P, Human)

Subramenium GA, Subai S, Marchant JS et al. Enterotoxigenic Escherichia coli (ETEC) heat labile enterotoxin inhibits intestinal ascorbic acid uptake via a cAMP-dependent NF-kB mediated pathway. Am. J. Physiol. Gastrointest. Liver Physiol. 2018-10-04 [PMID: 30285481] (WB, 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 NBP2-13318**

---

NBP2-13318PEP	SLC23A1 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

---

### **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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

Earn gift cards/discounts by submitting a review: [www.novusbio.com/reviews/submit/NBP2-13318](http://www.novusbio.com/reviews/submit/NBP2-13318)

Earn gift cards/discounts by submitting a publication using this product:  
[www.novusbio.com/publications](http://www.novusbio.com/publications)

