

# Product Datasheet

## SLC7A7 Antibody - BSA Free

### NBP1-82826

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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#### Publications: 1

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**NBP1-82826**

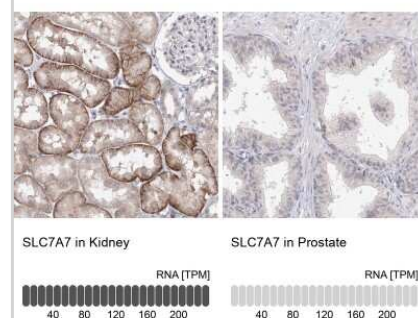
SLC7A7 Antibody - BSA Free

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	9056
Gene Symbol	SLC7A7
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: DSTEYEVASQPEVETSPLGDGASPGPEQVKLKK
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
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.

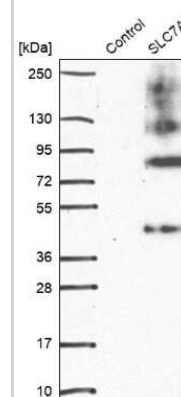


## Images

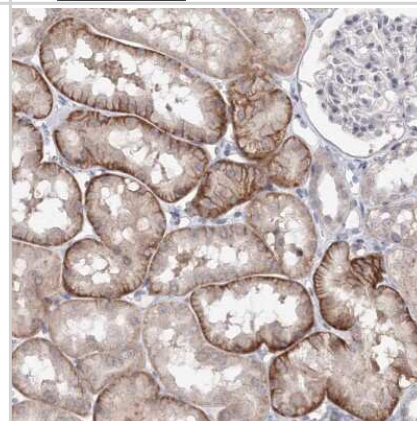
Immunohistochemistry-Paraffin: SLC7A7 Antibody [NBP1-82826] - Staining in human kidney and prostate tissues using anti-SLC7A7 antibody. Corresponding SLC7A7 RNA-seq data are presented for the same tissues.



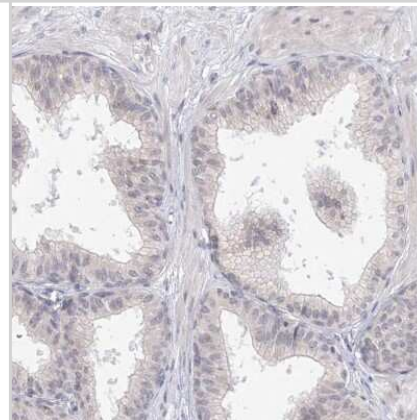
Western Blot: SLC7A7 Antibody [NBP1-82826] - Analysis in control (vector only transfected HEK293T lysate) and SLC7A7 over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (3.1 kDa) in mammalian HEK293T cells).



Immunohistochemistry-Paraffin: SLC7A7 Antibody [NBP1-82826] - Staining of human kidney shows high expression.



Immunohistochemistry-Paraffin: SLC7A7 Antibody [NBP1-82826] - Staining of human prostate shows low expression as expected.



## Publications

Christopher Chidley, Alicia M. Darnell, Benjamin L. Gaudio, Evan C. Lien, Anna M. Barbeau, Matthew G. Vander Heiden, Peter K. Sorger A CRISPRi/a screening platform to study cellular nutrient transport in diverse microenvironments *Nature Cell Biology* 2024-04-11 [PMID: 38605144]



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### **Products Related to NBP1-82826**

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NBP1-82826PEP	SLC7A7 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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