

# Product Datasheet

## SLC38A10 Antibody - BSA Free NBP1-81193

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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**NBP1-81193**

SLC38A10 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

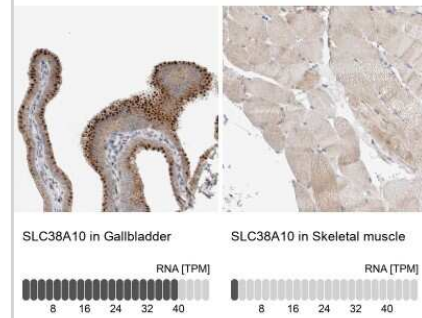
Product Description	
Description	Novus Biologicals Rabbit SLC38A10 Antibody - BSA Free (NBP1-81193) is a polyclonal antibody validated for use in IHC, ICC/IF and Simple Western. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	124565
Gene Symbol	SLC38A10
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: PEDLAGEAPGGRLGEAEGLMKVEAARLSAQDPVVAEEDGREKPKLPKEREEL LEQAQIKGPVDVPGREDGKEAPEEAQLDRPGQGIAPV

Product Application Details	
Applications	Simple Western, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Simple Western 1:40, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.  In Simple Western only 10 - 15 uL of the recommended dilution is used per data point. See <a href="#">Simple Western Antibody Database</a> for Simple Western validation: Tested in RT-4 and U-2OS, separated by Size, antibody dilution of 1:40, apparent MW was 169 kDa. Separated by Size-Wes, Sally Sue/Peggy Sue.

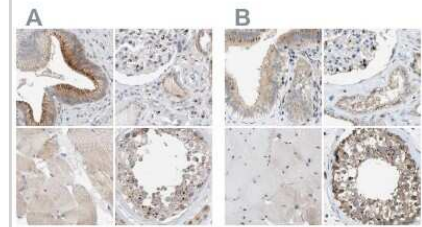


## Images

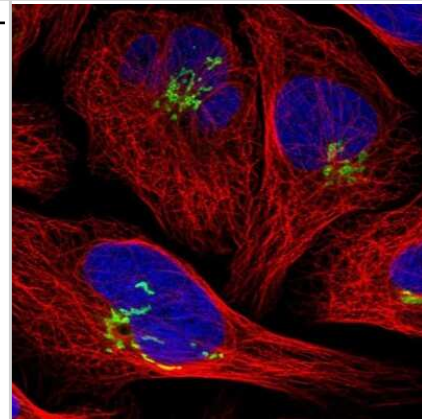
Immunohistochemistry-Paraffin: SLC38A10 Antibody [NBP1-81193] - Staining in human gallbladder and skeletal muscle tissues using anti-SLC38A10 antibody. Corresponding SLC38A10 RNA-seq data are presented for the same tissues.



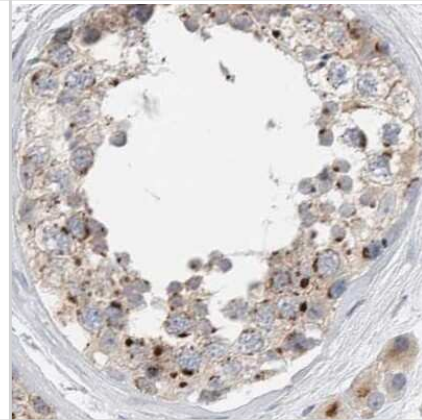
Immunohistochemistry-Paraffin: SLC38A10 Antibody [NBP1-81193] - Staining of human gallbladder, kidney, skeletal muscle and testis using Anti-SLC38A10 antibody NBP1-81193 (A) shows similar protein distribution across tissues to independent antibody NBP1-81194 (B).



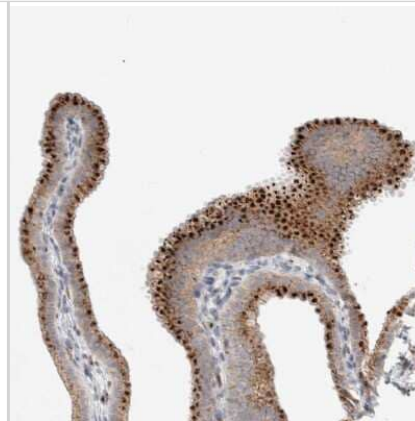
Immunocytochemistry/Immunofluorescence: SLC38A10 Antibody [NBP1-81193] - Staining of human cell line U-2 OS shows localization to the Golgi apparatus. Antibody staining is shown in green.



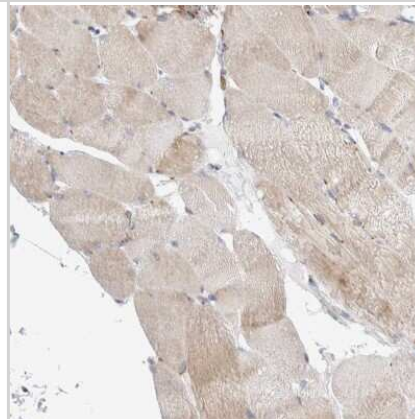
Immunohistochemistry-Paraffin: SLC38A10 Antibody [NBP1-81193] - Staining of human testis.



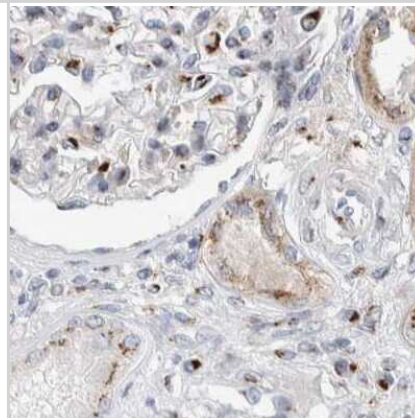
Immunohistochemistry-Paraffin: SLC38A10 Antibody [NBP1-81193] - Staining of human gallbladder shows high expression.



Immunohistochemistry-Paraffin: SLC38A10 Antibody [NBP1-81193] - Staining of human skeletal muscle shows low expression as expected.



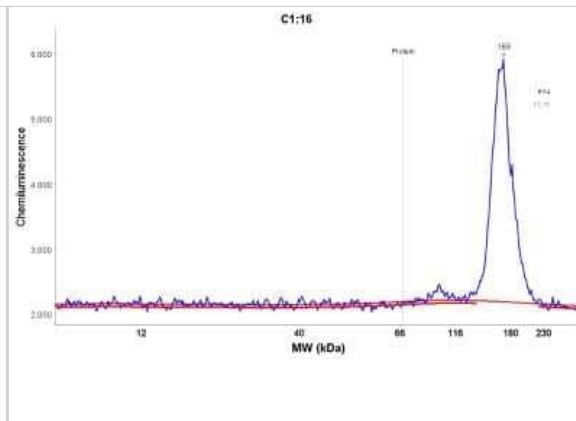
Immunohistochemistry-Paraffin: SLC38A10 Antibody [NBP1-81193] - Staining of human kidney.



Simple Western: SLC38A10 Antibody [NBP1-81193] - Simple Western lane view shows a specific band for SLC38A10 in 0.2 mg/ml of RT-4 (left) and U-2OS (right) lysate. This experiment was performed under reducing conditions using the 12-230 kDa separation system.



Simple Western: SLC38A10 Antibody [NBP1-81193] - Electropherogram image(s) of corresponding Simple Western lane view. SLC38A10 antibody was used at 1:40 dilution on RT-4 and U-2OS lysates(s).





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### **Products Related to NBP1-81193**

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NBP1-81193PEP	SLC38A10 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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