

# Product Datasheet

## SLC38A9 Antibody - BSA Free NBP1-92403

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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**NBP1-92403**

SLC38A9 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

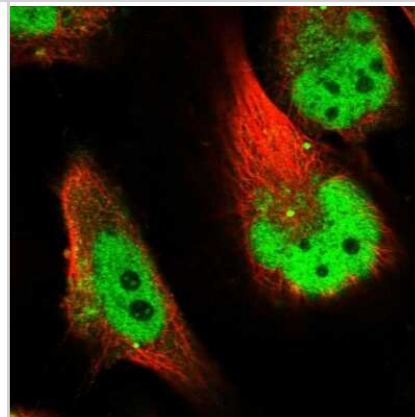
Product Description	
Description	Novus Biologicals Rabbit SLC38A9 Antibody - BSA Free (NBP1-92403) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-SLC38A9 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	153129
Gene Symbol	SLC38A9
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (88%), Rat (88%).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: NSDSRHLGTSEVDHERDPGPMNIQFEPDLRSKRPFCEPTNIVNVNHVIQRVS DHASAMNKRIHYYSRLTTPADKALIAPDHVVPAPPEECYVYSPLGSAY

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot Reactivity reported in (PMID: 25561175), Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

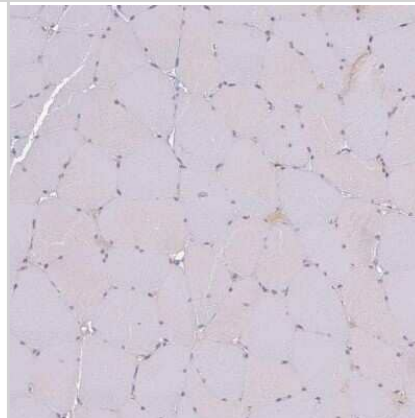


**Images**

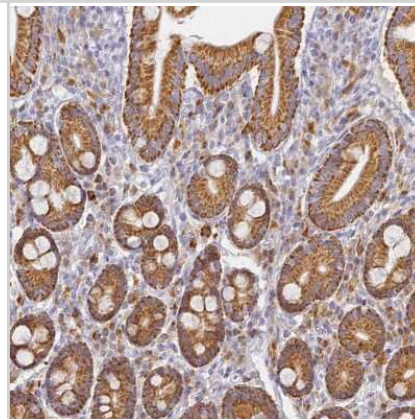
Immunocytochemistry/Immunofluorescence: SLC38A9 Antibody [NBP1-92403] - Staining of human cell line U-251 MG shows localization to nucleoplasm and vesicles. Antibody staining is shown in green.



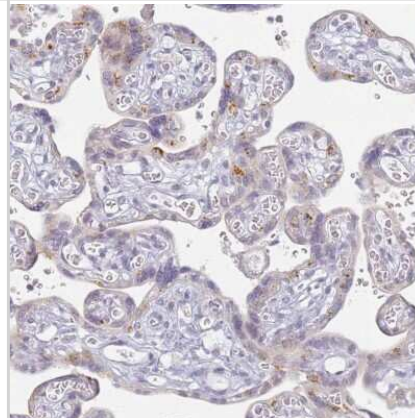
Immunohistochemistry-Paraffin: SLC38A9 Antibody [NBP1-92403] - Staining of human skeletal muscle shows no positivity as expected.



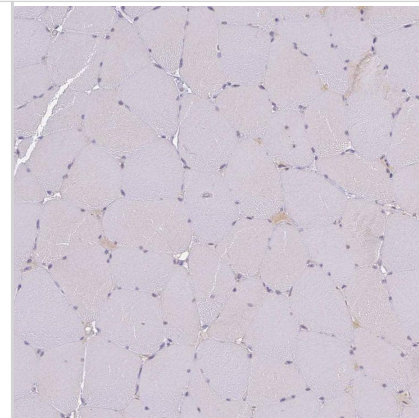
Immunohistochemistry-Paraffin: SLC38A9 Antibody [NBP1-92403] - Staining of human duodenum shows strong granular cytoplasmic positivity in glandular cells.



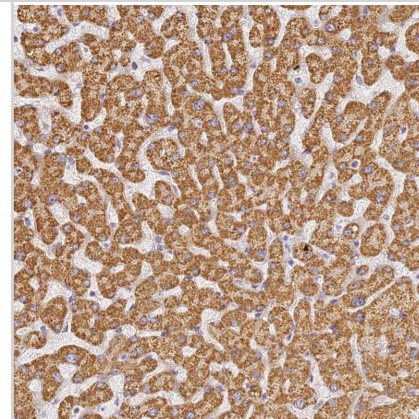
Immunohistochemistry-Paraffin: SLC38A9 Antibody [NBP1-92403] - Staining of human placenta shows strong granular cytoplasmic positivity in a subset of trophoblastic cells.



Staining of human skeletal muscle shows no positivity as expected.



Staining of human liver shows strong granular cytoplasmic positivity in hepatocytes.



## Publications

Rebsamen M, Pochini L, Stasyk T et al. SLC38A9 is a component of the lysosomal amino acid-sensing machinery that controls mTORC1. Nature 2015-03-26 [PMID: 25561175] (ICC/IF, WB, Human)



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### **Products Related to NBP1-92403**

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NBP1-92403PEP	SLC38A9 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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