

# Product Datasheet

## SLC39A14 Antibody - BSA Free NBP1-81551

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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Updated 2/21/2025 v.20.1

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**NBP1-81551**

SLC39A14 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

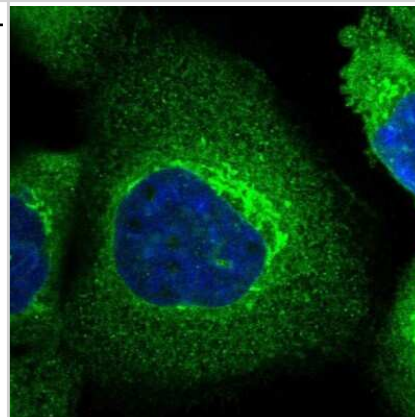
Product Description	
Host	Rabbit
Gene ID	23516
Gene Symbol	SLC39A14
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (89%), Rat (88%)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: EHHHGHSHYASESLPSKKDQEEGVMEKQLQNGDLDMIPQHCSSSELDGKAPM VDEKVIVGSLSVQDLQASQSACYWLKGVRYSDIGTLAWMITLSD

Product Application Details	
Applications	Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry 1:2500 - 1:5000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:2500 - 1:5000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

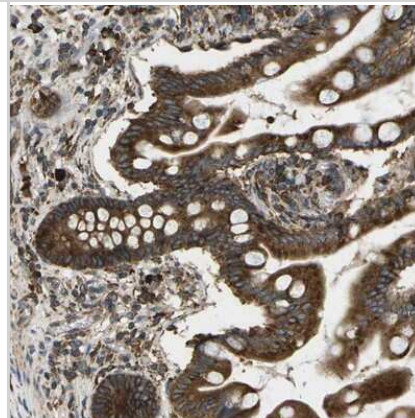


## Images

Immunocytochemistry/Immunofluorescence: SLC39A14 Antibody [NBP1-81551] - Staining of human cell line A-431 shows localization to plasma membrane, endoplasmic reticulum & the Golgi apparatus. Antibody staining is shown in green.



Immunohistochemistry-Paraffin: SLC39A14 Antibody [NBP1-81551] - Staining of human small intestine shows strong cytoplasmic positivity in glandular cells.



## Publications

Tuschl K, Meyer E, Valdivia LE et al. Mutations in SLC39A14 disrupt manganese homeostasis and cause childhood-onset parkinsonism-dystonia. Nat Commun. 2016-05-27 [PMID: 27231142] (IHC-P, Human)



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### **Products Related to NBP1-81551**

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NBP1-81551PEP	SLC39A14 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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