

# Product Datasheet

## SLC30A7 Antibody - BSA Free

### NBP1-80578

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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**NBP1-80578**

SLC30A7 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

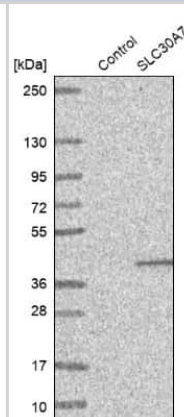
Product Description	
Host	Rabbit
Gene ID	148867
Gene Symbol	SLC30A7
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (87%), Rat (85%). Reactivity reported in scientific literature (PMID: 23435261)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: HGGHGHSHGSGHGHSHSLFNGALDQAHGHVDHCHSHEVKHGAASHDHAH GHGHFHSHDGPSTKETTGPSRQI

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, 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.

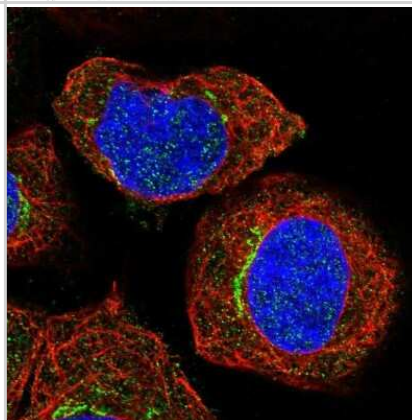


## Images

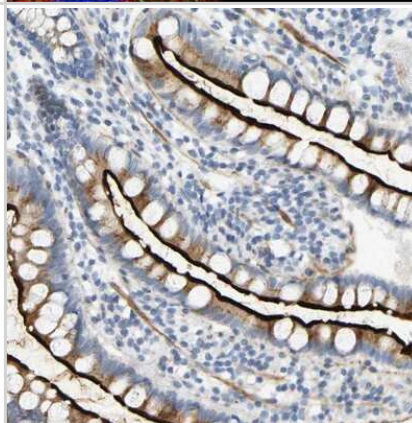
Western Blot: SLC30A7 Antibody [NBP1-80578] - Analysis in control (vector only transfected HEK293T lysate) and SLC30A7 over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (3.1 kDa) in mammalian HEK293T cells).



Immunocytochemistry/Immunofluorescence: SLC30A7 Antibody [NBP1-80578] - Staining of human cell line A-431 shows localization to the Golgi apparatus. Antibody staining is shown in green.



Immunohistochemistry-Paraffin: SLC30A7 Antibody [NBP1-80578] - Staining of human small intestine shows strong positivity of the luminal membrane in glandular cells.



## Publications

Lukhele S, Rabbo DA, Guo M et al. The transcription factor IRF2 drives interferon-mediated CD8+ T cell exhaustion to restrict anti-tumor immunity Immunity 2022-11-01 [PMID: 36370712]

Jiang D, Burger CA, Akhanov V et al. Neuronal signal-regulatory protein alpha drives microglial phagocytosis by limiting microglial interaction with CD47 in the retina Immunity 2022-11-09 [PMID: 36379210] (IHC-Fr, Mouse)

Stadler C, Rexhepaj E, Singan VR et al. Immunofluorescence and fluorescent-protein tagging show high correlation for protein localization in mammalian cells. Nat Methods 2013-04-01 [PMID: 23435261]



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### **Products Related to NBP1-80578**

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NBP1-80578PEP	SLC30A7 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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