

# Product Datasheet

## SLC22A3 Antibody - BSA Free

### NBP1-83976

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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**NBP1-83976**

SLC22A3 Antibody - BSA Free

**Product Information**

<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	PBS (pH 7.2) and 40% Glycerol

**Product Description**

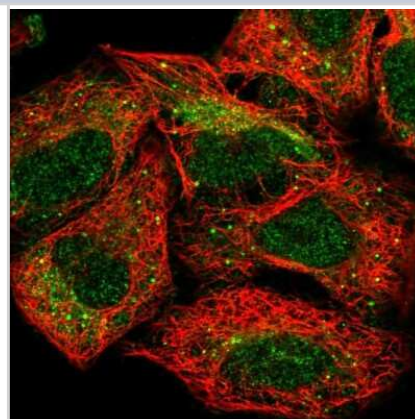
<b>Host</b>	Rabbit
<b>Gene ID</b>	6581
<b>Gene Symbol</b>	SLC22A3
<b>Species</b>	Human
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: SPRWLITRKKGDKALQILRRIAKCNGKYLSSNYSEITVTDEEVSNPSF

**Product Application Details**

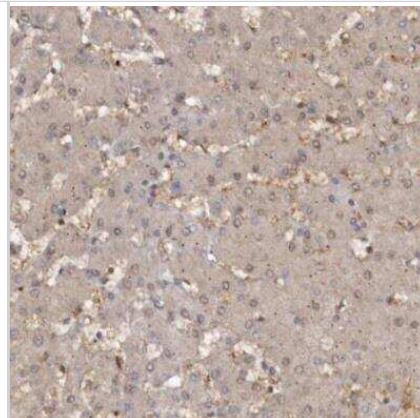
<b>Applications</b>	Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Immunohistochemistry 1:20 - 1:50, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:20 - 1:50
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval method is recommended. ICC/IF, Fixation Permeabilization: Use PFA/Triton X-100.

**Images**

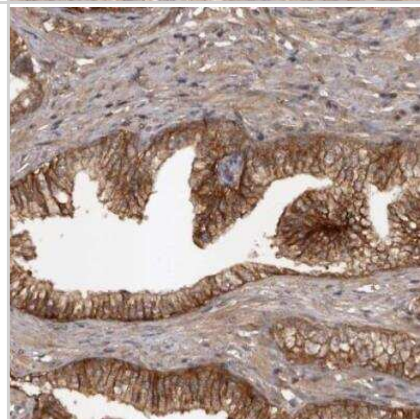
Immunocytochemistry/Immunofluorescence: SLC22A3 Antibody [NBP1-83976] - Immunofluorescent staining of human cell line A549 shows localization to cytosol & vesicles.



Immunohistochemistry-Paraffin: SLC22A3 Antibody [NBP1-83976] - Staining of human liver shows weak to moderate cytoplasmic positivity in hepatocytes.



Immunohistochemistry-Paraffin: SLC22A3 Antibody [NBP1-83976] - Staining of human prostate shows strong membranous positivity in glandular cells.



Immunohistochemistry-Paraffin: SLC22A3 Antibody [NBP1-83976] - Staining of human skeletal muscle shows moderate cytoplasmic positivity in myocytes.



Immunohistochemistry-Paraffin: SLC22A3 Antibody [NBP1-83976] - Staining of human fallopian tube shows moderate membranous and cytoplasmic positivity in glandular cells.



## Publications

Amani V, Riemony KA, Fu R et al. Integration of single-nuclei RNA-sequencing, spatial transcriptomics and histochemistry defines the complex microenvironment of NF1-associated plexiform neurofibromas Acta Neuropathol Commun 2023-09-28 [PMID: 37770931] (Immunohistochemistry, Immunohistochemistry-Paraffin)



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### **Products Related to NBP1-83976**

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NBP1-83976PEP	SLC22A3 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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