

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.

www.novusbio.com



technical@novusbio.com

Publications: 2

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP1-83976

Updated 12/2/2025 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NBP1-83976



NBP1-83976

SLC22A3 Antibody - BSA Free

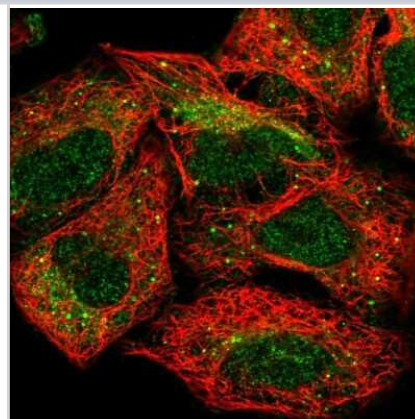
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Description	Novus Biologicals Rabbit SLC22A3 Antibody - BSA Free (NBP1-83976) is a polyclonal antibody validated for use in IHC and ICC/IF. Anti-SLC22A3 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	6581
Gene Symbol	SLC22A3
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: SPRWLITRKKGDKALQILRRIAKCNGKYLSSNYSEITVTDEEVSNPSF

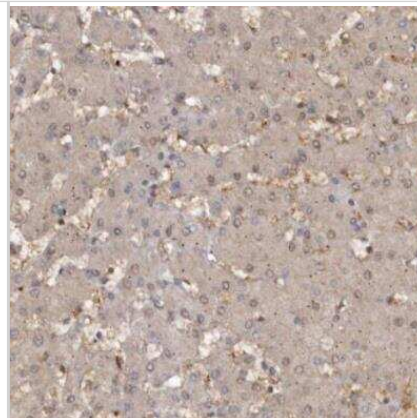
Product Application Details	
Applications	Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Immunohistochemistry 1:20 - 1:50, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:20 - 1:50
Application Notes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

Images

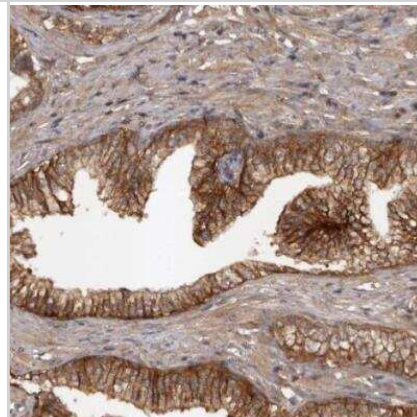
Immunocytochemistry/Immunofluorescence: SLC22A3 Antibody [NBP1-83976] - Immunofluorescent staining of human cell line A549 shows localization to cytosol & vesicles.



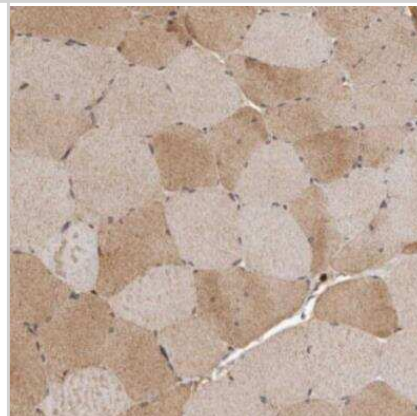
Immunohistochemistry-Paraffin: SLC22A3 Antibody [NBP1-83976] - Staining of human liver shows weak to moderate cytoplasmic positivity in hepatocytes.



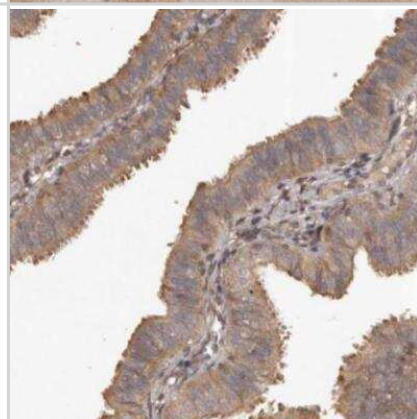
Immunohistochemistry-Paraffin: SLC22A3 Antibody [NBP1-83976] - Staining of human prostate shows strong membranous positivity in glandular cells.



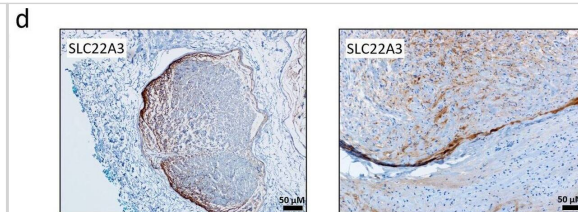
Immunohistochemistry-Paraffin: SLC22A3 Antibody [NBP1-83976] - Staining of human skeletal muscle shows moderate cytoplasmic positivity in myocytes.



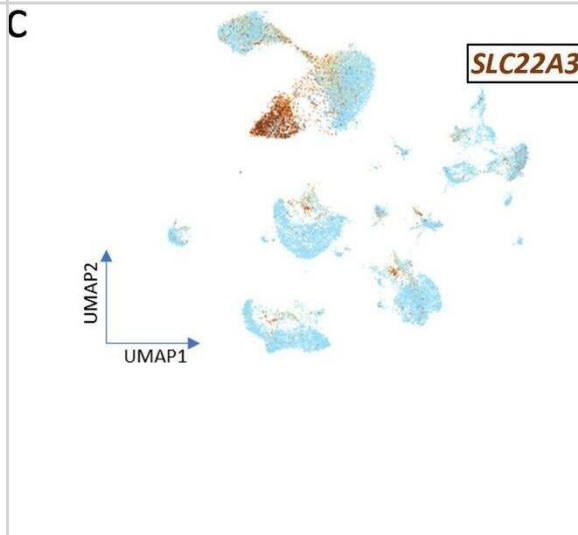
Immunohistochemistry-Paraffin: SLC22A3 Antibody [NBP1-83976] - Staining of human fallopian tube shows moderate membranous and cytoplasmic positivity in glandular cells.



IHC staining was used to validate single-nuclei RNA-seq data. a snRNA-seq harmony UMAP expression profile of endoneurial fibroblast marker LAMA2. b LAMA2 protein expression in 2 PN samples. c snRNA-seq harmony UMAP gene expression of perineurial fibroblast marker SLC22A. d SLC22A3 expression in 2 PN samples. e snRNA-seq UMAP expression of epineurial fibroblast marker PRRX1. f Representative H&E of classic PN morphology. f+ Zoomed in magnification of region of interest containing endoneurial, perineurial and epineurial zones. g PRRX1 protein expression in zoomed in region of interest. h SOX10 protein expression in same zoomed in region of interest. i snRNA-seq harmony UMAP expression profile of SOX10. j Representative H&E of second region of classic PN morphology in another patient. k SOX10 protein expression in region of interest Image collected and cropped by CiteAb from the following open publication (<https://pubmed.ncbi.nlm.nih.gov/37770931>), licensed under a CC-BY license. Not internally tested by Novus Biologicals.



IHC staining was used to validate single-nuclei RNA-seq data. a snRNA-seq harmony UMAP expression profile of endoneurial fibroblast marker LAMA2. b LAMA2 protein expression in 2 PN samples. c snRNA-seq harmony UMAP gene expression of perineurial fibroblast marker SLC22A. d SLC22A3 expression in 2 PN samples. e snRNA-seq UMAP expression of epineurial fibroblast marker PRRX1. f Representative H&E of classic PN morphology. f+ Zoomed in magnification of region of interest containing endoneurial, perineurial and epineurial zones. g PRRX1 protein expression in zoomed in region of interest. h SOX10 protein expression in same zoomed in region of interest. i snRNA-seq harmony UMAP expression profile of SOX10. j Representative H&E of second region of classic PN morphology in another patient. k SOX10 protein expression in region of interest Image collected and cropped by CiteAb from the following open publication (<https://pubmed.ncbi.nlm.nih.gov/37770931>), licensed under a CC-BY license. Not internally tested by Novus Biologicals.



Publications

Lee B, Xing X, Hammes E et al. Signaling by intracellular β 2 -adrenergic receptors regulates AMPA receptor trafficking and synaptic plasticity. *Cell reports* 2025-08-29 [PMID: 40679912]

Amani V, Riomondy 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)



Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP1-83976

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

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP1-83976

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

