

Product Datasheet

NHE3/SLC9A3 Antibody - BSA Free NBP1-82575

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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Updated 9/9/2025 v.20.1

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NBP1-82575

NHE3/SLC9A3 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

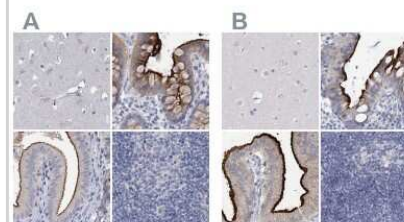
Description	Novus Biologicals Rabbit NHE3/SLC9A3 Antibody - BSA Free (NBP1-82575) is a polyclonal antibody validated for use in IHC and ICC/IF. Anti-NHE3/SLC9A3 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	6550
Gene Symbol	SLC9A3
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: TDNVVNVDFTPRSSTVEASVSYLLRENVSAVCLDMQSLEQRRRSIRD AEDMVT HHTLQQYLYKPRQEYKHLYSRHELTPTDEKQDREIFHRTM

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 is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

Images

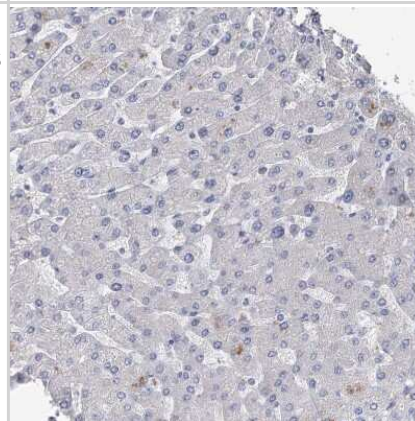
Immunohistochemistry-Paraffin: NHE3/SLC9A3 Antibody [NBP1-82575]
- Staining of human cerebral cortex, colon, gallbladder and lymph node using Anti-SLC9A3 antibody NBP1-82575 (A) shows similar protein distribution across tissues to independent antibody NBP1-82574 (B).



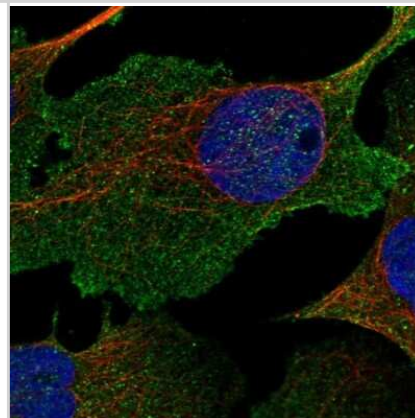
Immunocytochemistry/Immunofluorescence: NHE3/SLC9A3 Antibody [NBP1-82575] - Immunofluorescence micrograph of human intestine showing polarized distribution of apical (NHE3) protein. ICC/IF image submitted by a verified customer review.



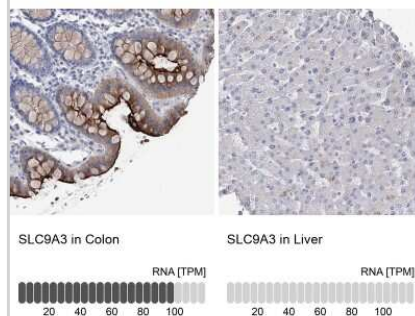
Immunohistochemistry-Paraffin: NHE3/SLC9A3 Antibody [NBP1-82575] - Staining of human liver shows no membranous positivity in hepatocytes as expected.



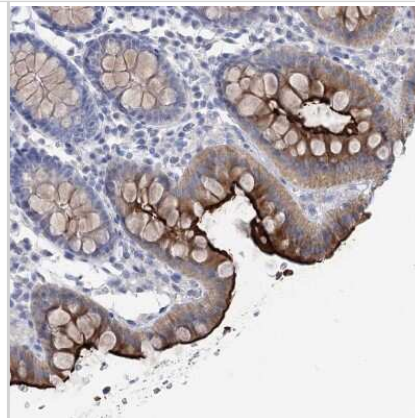
Immunocytochemistry/Immunofluorescence: NHE3/SLC9A3 Antibody [NBP1-82575] - Staining of human cell line U-2 OS shows localization to plasma membrane. Antibody staining is shown in green.



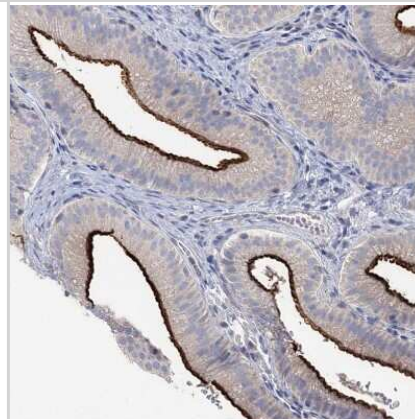
Immunohistochemistry-Paraffin: NHE3/SLC9A3 Antibody [NBP1-82575] - Analysis in human colon and liver tissues using NBP1-82575 antibody. Corresponding SLC9A3 RNA-seq data are presented for the same tissues.



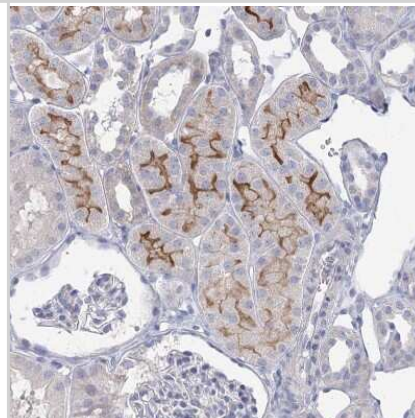
Immunohistochemistry-Paraffin: NHE3/SLC9A3 Antibody [NBP1-82575]
 - Staining of human colon shows strong positivity in apical membrane in glandular cells.



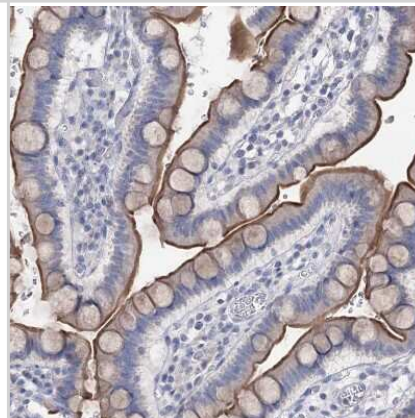
Immunohistochemistry-Paraffin: NHE3/SLC9A3 Antibody [NBP1-82575]
 - Staining of human gallbladder shows strong positivity in apical membrane in glandular cells.



Immunohistochemistry-Paraffin: NHE3/SLC9A3 Antibody [NBP1-82575]
 - Staining of human kidney shows moderate positivity in apical membrane in cells in tubules.



Immunohistochemistry-Paraffin: NHE3/SLC9A3 Antibody [NBP1-82575]
 - Staining of human small intestine shows moderate positivity in apical membrane in glandular cells.



Publications

Kasendra M, Tovaglieri A, Sontheimer-Phelps A, et al. Kasendra M, Tovaglieri A, Sontheimer-Phelps A, et al. Sci Rep. 2018-02-13 [PMID: 29440725] (ICC/IF, Human)



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Products Related to NBP1-82575

NBP1-82575PEP	NHE3/SLC9A3 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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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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