

Product Datasheet

NKCC2/SLC12A1 Antibody - BSA Free NBP1-82559

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 9/9/2025 v.20.1

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NBP1-82559

NKCC2/SLC12A1 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

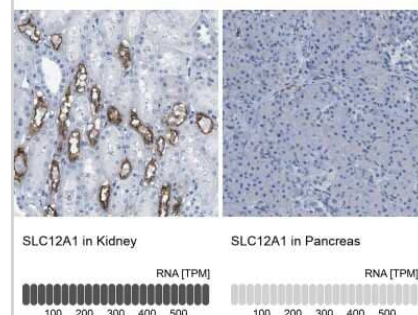
Description	Novus Biologicals Rabbit NKCC2/SLC12A1 Antibody - BSA Free (NBP1-82559) is a polyclonal antibody validated for use in IHC. Anti-NKCC2/SLC12A1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	6557
Gene Symbol	SLC12A1
Species	Human, Mouse
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Rat (86%). Mouse reactivity reported in scientific literature (PMID:31968258).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: SQGFDISQVLQVQEELERLEQERLALEATIKDNECEEESGGIRGLFKKAGKLNIT KTPPKDGSINTSQSMHVGEFNQKLVEASTQFKKKQEKGTIDVWWLFDD

Product Application Details

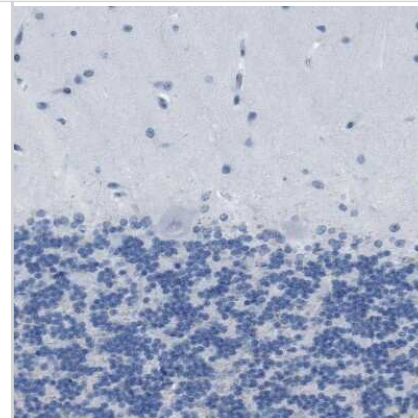
Applications	Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Immunohistochemistry 1:1000 - 1:2500, Immunohistochemistry-Paraffin 1:1000 - 1:2500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

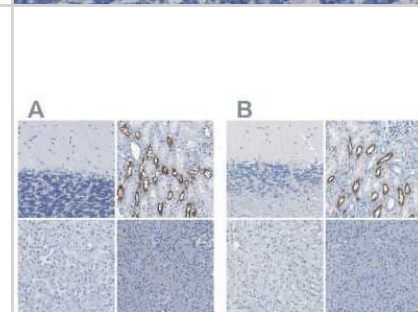
Immunohistochemistry-Paraffin: NKCC2/SLC12A1 Antibody [NBP1-82559] - Staining in human kidney and pancreas tissues using NBP1-82559 antibody. Corresponding SLC12A1 RNA-seq data are presented for the same tissues.



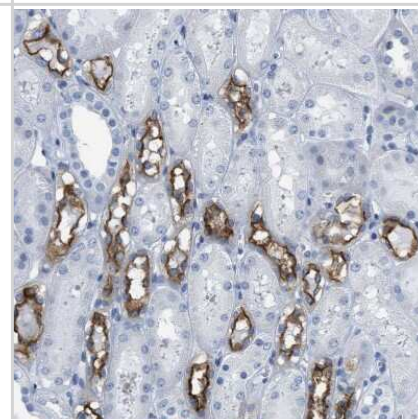
Immunohistochemistry-Paraffin: NKCC2/SLC12A1 Antibody [NBP1-82559] - Staining of human cerebellum shows no positivity in Purkinje cells as expected.



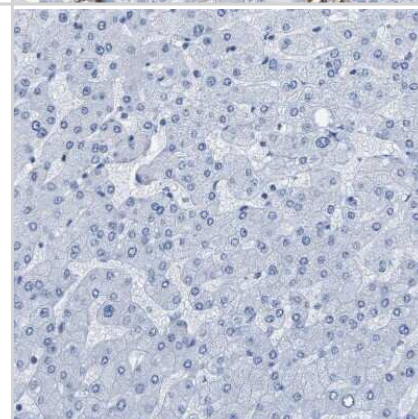
Immunohistochemistry-Paraffin: NKCC2/SLC12A1 Antibody [NBP1-82559] - Staining of human cerebellum, kidney, liver and pancreas using Anti-SLC12A1 antibody NBP1-82559 (A) shows similar protein distribution across tissues to independent antibody NBP1-80993 (B).



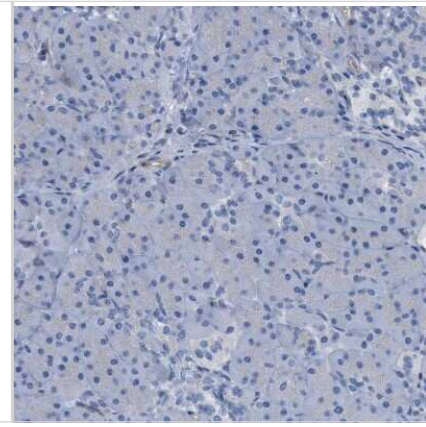
Immunohistochemistry-Paraffin: NKCC2/SLC12A1 Antibody [NBP1-82559] - Staining of human kidney shows strong membranous positivity in cells in tubules.



Immunohistochemistry-Paraffin: NKCC2/SLC12A1 Antibody [NBP1-82559] - Staining of human liver shows no positivity in hepatocytes as expected.



Immunohistochemistry-Paraffin: NKCC2/SLC12A1 Antibody [NBP1-82559] - Staining of human pancreas shows no positivity in exocrine glandular cells as expected.



Publications

Harari-Steinberg O, Omer D, Gnatek Y et al. Ex Vivo Expanded 3D Human Kidney Spheres Engraft Long Term and Repair Chronic Renal Injury in Mice Cell Rep 2020-01-21 [PMID: 31968258] (IHC-P, Mouse)





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Products Related to NBP1-82559

NBP1-82559PEP	NKCC2/SLC12A1 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.

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