

Product Datasheet

SLC26A3 Antibody - BSA Free NBP1-84450

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: 3

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NBP1-84450

SLC26A3 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

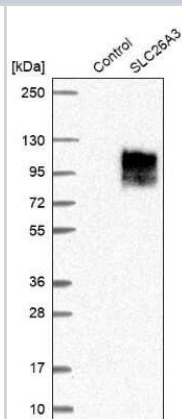
Product Description	
Description	Novus Biologicals Rabbit SLC26A3 Antibody - BSA Free (NBP1-84450) is a polyclonal antibody validated for use in IHC and WB. Anti-SLC26A3 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	1811
Gene Symbol	SLC26A3
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 31708126). Rat (85%).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: DQPINTTDLDPFHIDWNDDLPLNIEVPKISLHSLILDFSAVSVFLDVSSVRGLKSILQE FIRIKVDVYIVGTDDDFIEKLNRYEFFDGEVKSSIFFLTIHDAVLHILMKKDYSTSK FNP

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Immunohistochemistry Whole-Mount
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunohistochemistry-Paraffin 1:200 - 1:500, Immunohistochemistry Whole-Mount Reported in scientific literature (PMID:31708126)
Application Notes	IHC-Paraffin, HIER pH 6 retrieval is recommended.

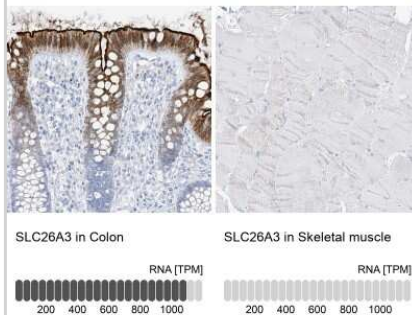


Images

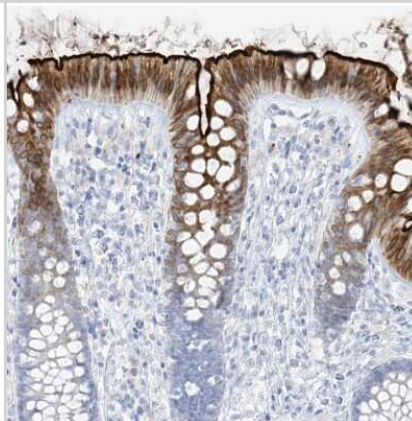
Western Blot: SLC26A3 Antibody [NBP1-84450] - Analysis in control (vector only transfected HEK293T lysate) and SLC26A3 over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (3.1 kDa) in mammalian HEK293T cells).



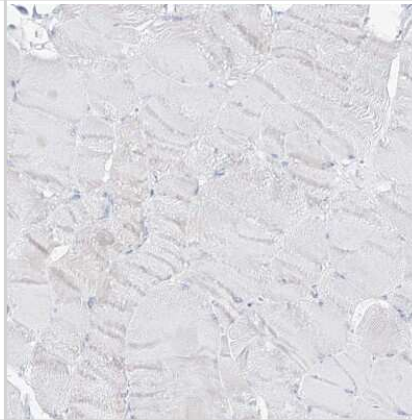
Immunohistochemistry-Paraffin: SLC26A3 Antibody [NBP1-84450] - Analysis in human colon and skeletal muscle tissues using NBP1-84450 antibody. Corresponding SLC26A3 RNA-seq data are presented for the same tissues.



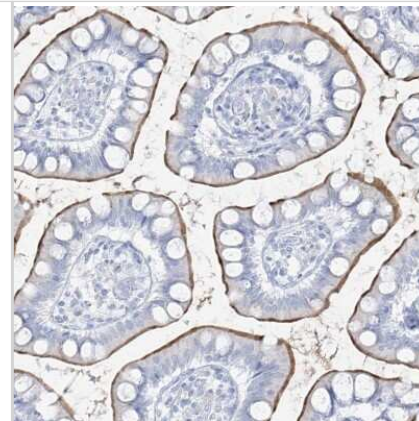
Immunohistochemistry-Paraffin: SLC26A3 Antibody [NBP1-84450] - Staining of human colon shows moderate positivity in glandular cells of apical membrane.



Immunohistochemistry-Paraffin: SLC26A3 Antibody [NBP1-84450] - Staining of human skeletal muscle shows no positivity in myocytes as expected.



Immunohistochemistry-Paraffin: SLC26A3 Antibody [NBP1-84450] - Staining of human small intestine shows moderate to strong positivity in apical membrane in glandular cells.



Publications

Gasnier M, Chen T, Yada S et al. NOX1 and NPY1R mark regional colon stem cell populations that serve as cancer origins in vivo. *Nature cell biology* 2025-09-02 [PMID: 40897804]

Miyoshi H, Ajima R, Luo CT, Yamaguchi TP et al. Wnt5a potentiates TGF- β signaling to promote colonic crypt regeneration after tissue injury *Science* 2012-09-08 [PMID: 22956684]

Wang Y, Chiang IL, Ohara TE et al. Long-Term Culture Captures Injury-Repair Cycles of Colonic Stem Cells *Cell* 2019-11-14 [PMID: 31708126] (IHC-WhMt, Mouse)



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Products Related to NBP1-84450

NBP1-84450PEP	SLC26A3 Recombinant Protein Antigen
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
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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