

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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NBP1-84450

SLC26A3 Antibody - BSA Free

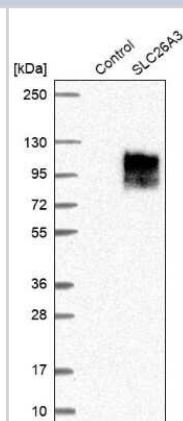
| Product Information | |
|---------------------|--|
| Unit Size | 0.1 ml |
| Concentration | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| Storage | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.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

| Product Description | |
|---------------------|--|
| 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: DQPINTTDLPFHIDWNDLPLNIEVPKISLHSLILDFSAVSFLDVSSVRGLKSILQE FIRIKVDVYIVGTDDDFIEKLNRYEFFDGEVKSSIFFLTIHDAVLHILMKDYSTSK FNP |

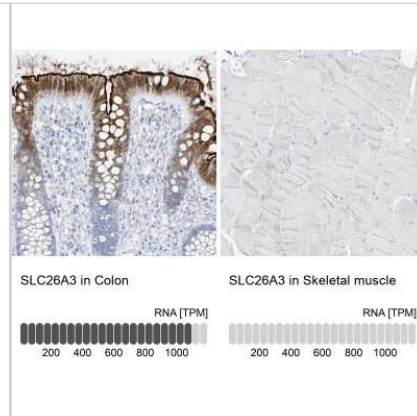
| Product Application Details | |
|-----------------------------|--|
| Applications | Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunohistochemistry Whole-Mount |
| Recommended Dilutions | Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunohistochemistry-Paraffin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

Images

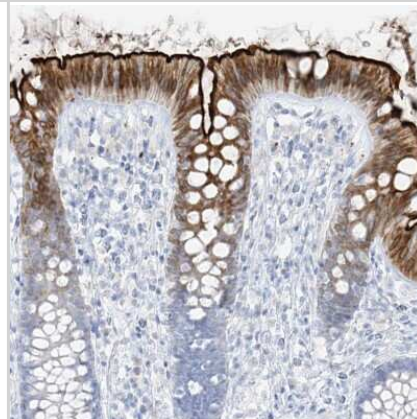
Western Blot: SLC26A3 Antibody [NBP1-84450] - Analysis in control (vector only transfected HEK293T lysate) and SLC26A3 over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (3.1 kDa) in mammalian HEK293T cells).



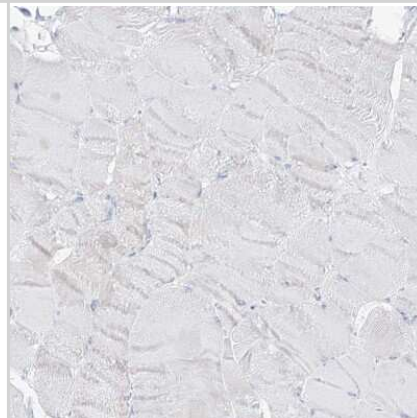
Immunohistochemistry-Paraffin: SLC26A3 Antibody [NBP1-84450] - Analysis in human colon and skeletal muscle tissues using NBP1-84450 antibody. Corresponding SLC26A3 RNA-seq data are presented for the same tissues.



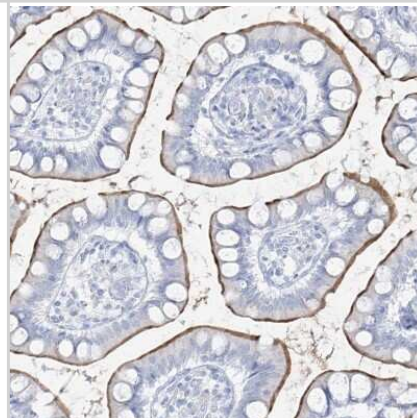
Immunohistochemistry-Paraffin: SLC26A3 Antibody [NBP1-84450] - Staining of human colon shows moderate positivity in glandular cells of apical membrane.



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

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)



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 NBP1-84450

| | |
|---------------|---|
| NBP1-84450PEP | SLC26A3 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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