

Product Datasheet

SLC26A4 Antibody - BSA Free **NBP1-60106**

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP1-60106

SLC26A4 Antibody - BSA Free

Product Information

Unit Size	100 ul
Concentration	0.5 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS, 2% Sucrose
Target Molecular Weight	86 kDa

Product Description

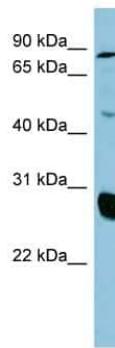
Description	The addition of 50% glycerol is optional for those storing this antibody at -20C and not aliquoting smaller units. However, please note that glycerol may interrupt some downstream antibody applications and should be added with caution.
Host	Rabbit
Gene ID	5172
Gene Symbol	SLC26A4
Species	Human
Immunogen	Synthetic peptides corresponding to SLC26A4(solute carrier family 26, member 4) The peptide sequence was selected from the middle region of SLC26A4. Peptide sequence ELNDRFRHKIPVPIPIEVIVTIIATAISYGANLEKNYNAGIVKSIPRGFL. The peptide sequence for this immunogen was taken from within the described region.

Product Application Details

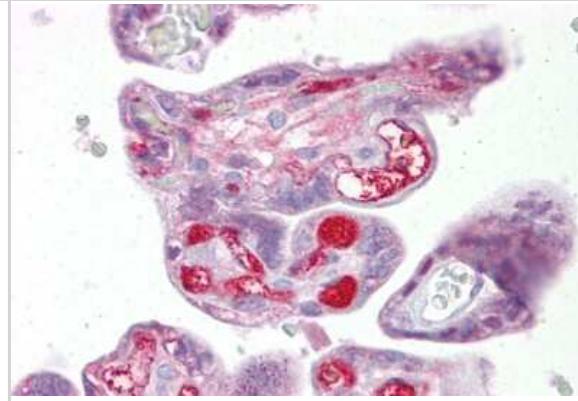
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1.0 ug/ml, Immunohistochemistry 1:10-1:500, Immunohistochemistry-Paraffin 4-8 ug/ml

Images

Western Blot: SLC26A4 Antibody [NBP1-60106] - Titration: 0.2-1 ug/ml, Positive Control: COLO205 cell lysate.



Immunohistochemistry-Paraffin: SLC26A4 Antibody [NBP1-60106] - Human placenta tissue at an antibody concentration of 5ug/ml.



Publications

Sarkanya B, Kuthib L, Kovacs G Novel concept of Wilms' tumor development: involvement of pluripotential cells of ureteric bud Human pathology 2023-05-18 [PMID: 37209922] (IHC-P, Human)

Details:

1:200 IHC-P dilution

Wu T, Cui L, Mou Y et al. A newly identified mutation (c.2029 C - T) in SLC26A4 gene is associated with enlarged vestibular aqueducts in a Chinese family BMC medical genomics 2022-03-06 [PMID: 35249537] (WB, Human)

Berg P, Svendsen SL, Sorensen MV et al. Impaired Renal HCO3- Excretion in Cystic Fibrosis J. Am. Soc. Nephrol. 2020-07-23 [PMID: 32703846]

Rehman T, Thornell IM, Pezzulo AA et al. TNFalpha and IL-17 Alkalinize Airway Surface Liquid through CFTR and Pendrin Am. J. Physiol., Cell Physiol. 2020-05-20 [PMID: 32432926] (IHC-P, Human)

Nordstrom CK, Danckwardt-Lilliestrom N, Liu W, Rask-Andersen H Reversed polarization of Na/K-ATPase-a sign of inverted transport in the human endolymphatic sac: a super-resolution structured illumination microscopy (SR-SIM) study Cell Tissue Res. 2019-11-12 [PMID: 31713726]

Jia CE, Jiang D, Dai H et al. Pendrin, an anion exchanger on lung epithelial cells, could be a novel target for lipopolysaccharide-induced acute lung injury mice. Am J Transl Res 2016-02-15 [PMID: 27158384] (WB)



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 NBP1-60106

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00005172-P01-2ug	Recombinant Human SLC26A4 GST (N-Term) Protein

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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