

# 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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[technical@novusbio.com](mailto:technical@novusbio.com)

#### Publications: 6

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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

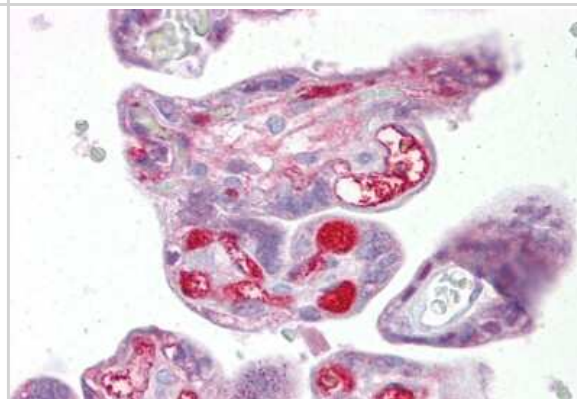


## Images

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 HCO<sub>3</sub><sup>-</sup> 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](http://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**

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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

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### **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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