

Product Datasheet

SLC28A1 Antibody - BSA Free NBP2-30857

Unit Size: 0.1 ml

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

www.novusbio.com



technical@novusbio.com

Publications: 1

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP2-30857

Updated 12/2/2025 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NBP2-30857



NBP2-30857

SLC28A1 Antibody - BSA Free

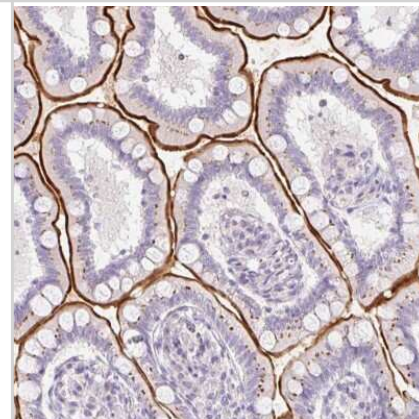
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Description	Novus Biologicals Rabbit SLC28A1 Antibody - BSA Free (NBP2-30857) is a polyclonal antibody validated for use in IHC and WB. Anti-SLC28A1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	9154
Gene Symbol	SLC28A1
Species	Human
Immunogen	This antibody was developed against a recombinant protein corresponding to amino acids: MENDPSRRRESISLTPVAKGLENMGADFLESLEEGQLPRSDLSPAIEIRSSWSE AAPKPF SRWRNLQPA

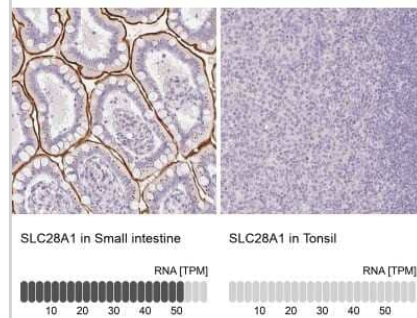
Product Application Details	
Applications	Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Immunohistochemistry 1:200 - 1:500, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

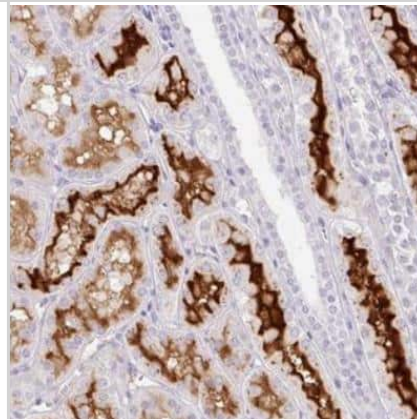
Western Blot: SLC28A1 Antibody [NBP2-30857] - Staining of human small intestine shows high expression.



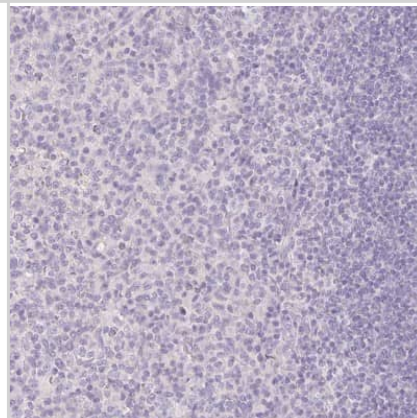
Immunohistochemistry-Paraffin: SLC28A1 Antibody [NBP2-30857] - Staining in human small intestine and tonsil tissues using anti-SLC28A1 antibody. Corresponding SLC28A1 RNA-seq data are presented for the same tissues.



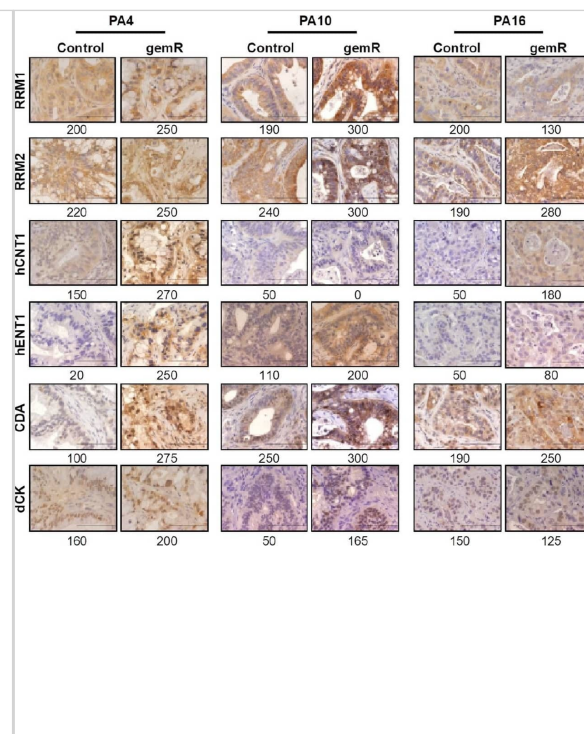
Immunohistochemistry-Paraffin: SLC28A1 Antibody [NBP2-30857] - Staining of human kidney shows membranous positivity in cells in tubules.



Immunohistochemistry-Paraffin: SLC28A1 Antibody [NBP2-30857] - Staining of human tonsil shows low expression as expected.



Immunohistochemistry: SLC28A1 Antibody [NBP2-30857] - PDAC PDX models of acquired gemcitabine resistance harbored changes in expression of some gemcitabine transporters & metabolizing enzymes. Tumor tissue harvested on days 190, 120, & 179 for PA4.gemR, PA10.gemR & PA16.gemR, respectively, was immunostained for RRM1, RRM2, hCNT1, hENT1, CDA, & dCK. Tumor tissue harvested from control mice bearing gemcitabine-naïve PA4, PA10 or PA16 tumors served as controls for IHC staining experiments. Scale bar = 10 μ m. Quantitation of IHC data in A is shown as expression indices below each photomicrograph (A); protein expression in gemR models that were developed by exposure to drug in vivo, compared to their respective parent tumor models. Each protein has been reported to be associated with gemcitabine resistance in models developed in vitro. ND: no difference between gemcitabine-naïve control & gemR tumors. Values in the Table were calculated by dividing the EI of each protein determined by IHC expressed by gemR/parent (control) tumors. A change of > 1.5-fold was interpreted as a real increase or decrease (B). PDAC: pancreatic ductal adenocarcinoma; PDX: patient-derived xenograft; gemR: gemcitabine resistance; IHC: immunohistochemistry Image collected & cropped by CiteAb from the following publication (<https://pubmed.ncbi.nlm.nih.gov/33073205>), licensed under a CC-BY license. Not internally tested by Novus Biologicals.



Publications

Miller, A L, Garcia, P L Et al. Development of gemcitabine-resistant patient-derived xenograft models of pancreatic ductal adenocarcinoma. *Cancer Drug Resist* 2020-10-20 [PMID: 33073205] (WB, Human)



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 NBP2-30857

NBP2-30857PEP	SLC28A1 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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP2-30857

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

