

Product Datasheet

SLC30A1 Antibody - BSA Free

NBP1-86825

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: 1

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Updated 12/2/2025 v.20.1

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NBP1-86825

SLC30A1 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

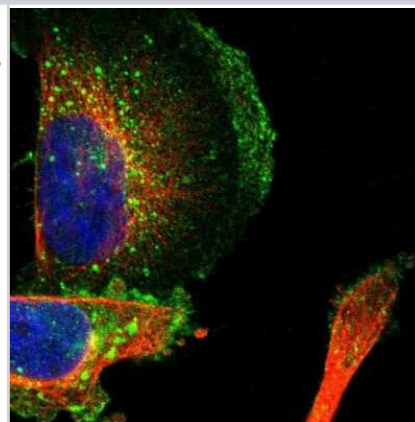
Description	Novus Biologicals Rabbit SLC30A1 Antibody - BSA Free (NBP1-86825) is a polyclonal antibody validated for use in IHC and ICC/IF. Anti-SLC30A1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	7779
Gene Symbol	SLC30A1
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: HHSGFSQDSGHHGSHGHHGHHGHHGLPKGPRVKSTRPGSSDINVAPGEQGPD QEETNTLVANTSNSNGLKLDPADPENPRSGDTVEVQVNGNLVREPDHMELEE DRAGQLNMRGV

Product Application Details

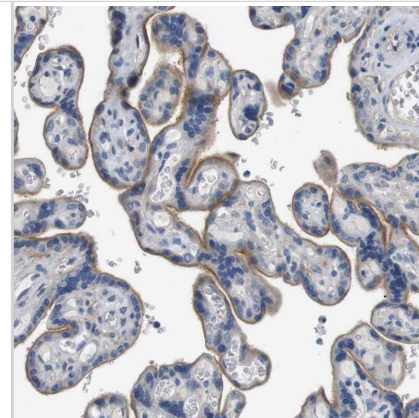
Applications	Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Immunohistochemistry 1:20 - 1:50, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:20 - 1:50
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF, Fixation Permeabilization: Use PFA/Triton X-100.

Images

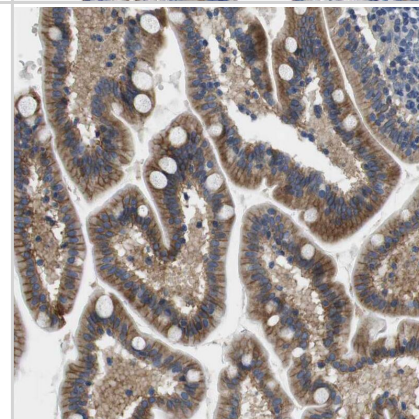
Immunocytochemistry/Immunofluorescence: SLC30A1 Antibody [NBP1-86825] - Immunofluorescent staining of human cell line U-251 MG shows localization to plasma membrane & vesicles.



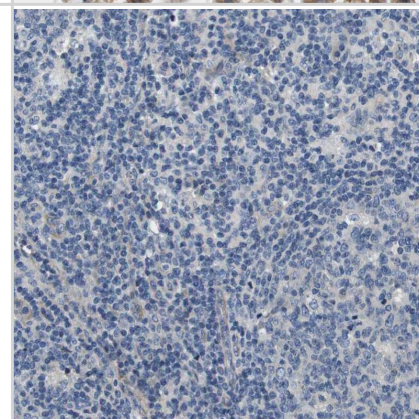
Staining of human placenta shows moderate membranous positivity in trophoblastic cells.



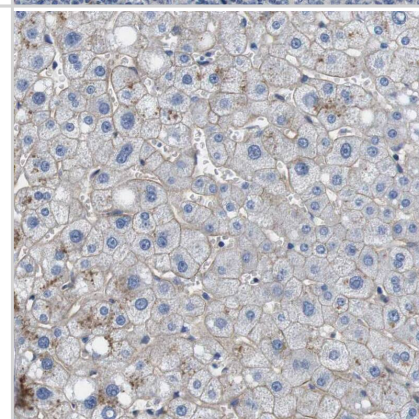
Staining of human duodenum shows strong membranous positivity in glandular cells.



Staining of human lymph node shows no positivity in non-germinal center cells as expected.



Staining of human liver shows moderate membranous positivity in hepatocytes.



Publications

Rege J, Bandulik S, Nanba K, Kosmann C et Al. Somatic SLC30A1 mutations altering zinc transporter ZnT1 cause aldosterone-producing adenomas and primary aldosteronism Nat Genet 2023-09-14 [PMID: 37709865]



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Products Related to NBP1-86825

NBP1-86825PEP	SLC30A1 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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