

Product Datasheet

SLC46A3 Antibody - BSA Free

NBP1-85054

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: 2

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Updated 9/9/2025 v.20.1

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NBP1-85054

SLC46A3 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

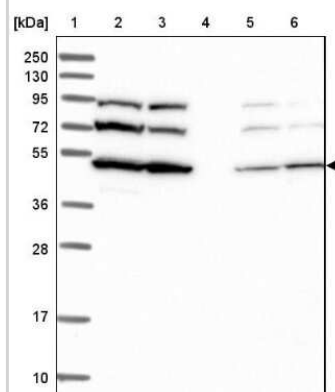
Description	Novus Biologicals Rabbit SLC46A3 Antibody - BSA Free (NBP1-85054) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-SLC46A3 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	283537
Gene Symbol	SLC46A3
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (81%), Rat (84%)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: RRIWEETGNYTFSSDSNISECEKNKSSPIFAFQEEVQ

Product Application Details

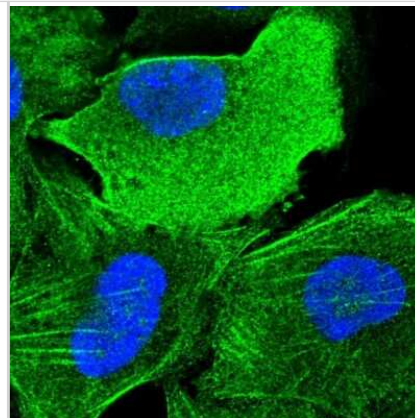
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50-1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

Images

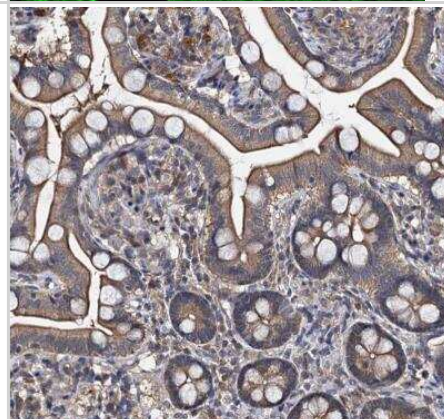
Western Blot: SLC46A3 Antibody [NBP1-85054] - Lane 1: Marker [kDa] 250, 130, 95, 72, 55, 36, 28, 17, 10. Lane 2: Human cell line RT-4. Lane 3: Human cell line U-251MG sp. Lane 4: Human plasma (IgG/HSA depleted). Lane 5: Human liver tissue. Lane 6: Human tonsil tissue



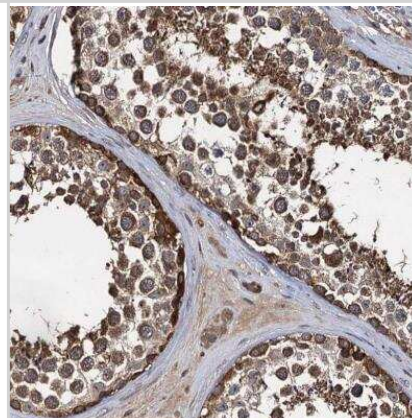
Immunocytochemistry/Immunofluorescence: SLC46A3 Antibody [NBP1-85054] - Staining of human cell line U-2 OS shows localization to plasma membrane, cytosol & actin filaments. Antibody staining is shown in green.



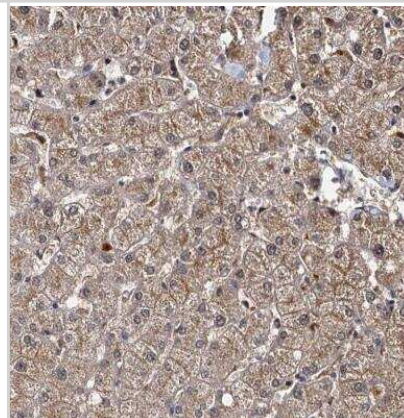
Immunohistochemistry-Paraffin: SLC46A3 Antibody [NBP1-85054] - Staining of human small intestine shows strong cytoplasmic positivity in glandular cells.



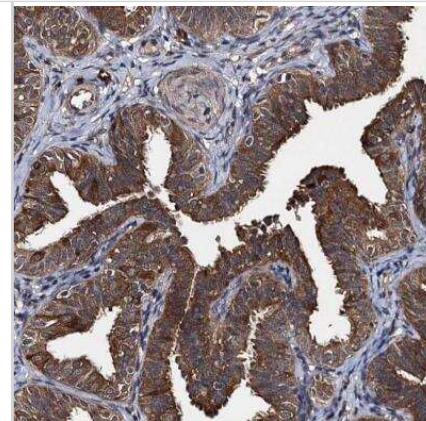
Immunohistochemistry-Paraffin: SLC46A3 Antibody [NBP1-85054] - Staining of human testis shows strong cytoplasmic positivity in cells in seminiferous ducts



Immunohistochemistry-Paraffin: SLC46A3 Antibody [NBP1-85054] - Staining of human liver shows moderate cytoplasmic positivity in hepatocytes.



Immunohistochemistry-Paraffin: SLC46A3 Antibody [NBP1-85054] - Staining of human fallopian tube shows strong cytoplasmic positivity in glandular cells.



Publications

Harder N Effects of Diet on Copper Metabolism Thesis 2023-01-01

Harder NHO, Lee HP, Flood VJ et al. Fatty Acid Uptake in Liver Hepatocytes Induces Relocalization and Sequestration of Intracellular Copper Frontiers in molecular biosciences 2022-04-11 [PMID: 35480878] (WB, Human)



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Products Related to NBP1-85054

NBP1-85054PEP	SLC46A3 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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