

Product Datasheet

SGLT1/SLC5A1 Antibody NBP2-20338

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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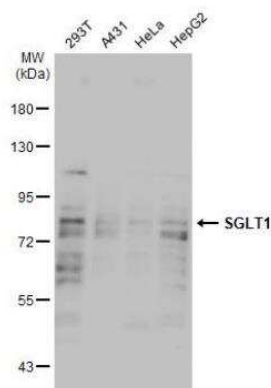
NBP2-20338**SGLT1/SLC5A1 Antibody**

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	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.025% Proclin 300
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	PBS, 20% Glycerol, 1% BSA
Target Molecular Weight	73 kDa
Product Description	
Host	Rabbit
Gene ID	6523
Gene Symbol	SLC5A1
Species	Human, Mouse, Rat
Reactivity Notes	Zebrafish (80%), Cat (89%), Pig (88%), Chicken (82%), Bovine (89%).
Immunogen	Recombinant protein encompassing a sequence within the center region of human SGLT1/SLC5A1. The exact sequence is proprietary.
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500-1:3000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000, Immunohistochemistry-Frozen Assay dependent

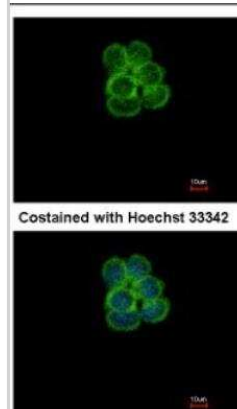


Images

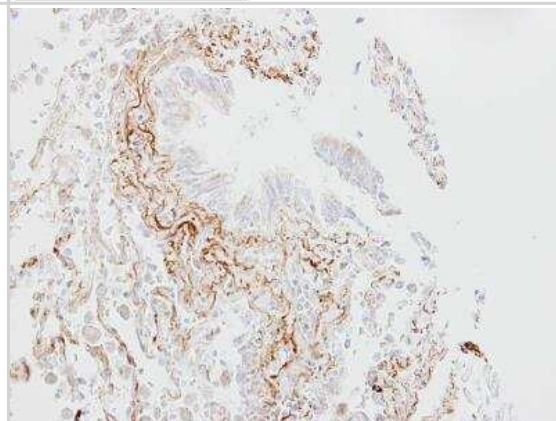
Western Blot: SGLT1/SLC5A1 Antibody [NBP2-20338] - Various whole cell extracts (30 ug) were separated by 7.5% SDS-PAGE, and the membrane was blotted with SGLT1 antibody [N3C3] diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.



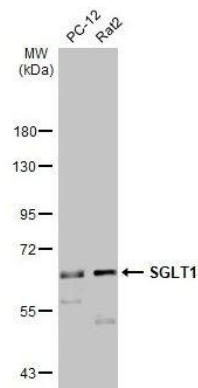
Immunocytochemistry/Immunofluorescence: SGLT1/SLC5A1 Antibody [NBP2-20338] - Analysis of methanol-fixed A431, using SGLT1 antibody at 1:500 dilution.



Immunohistochemistry-Paraffin: SGLT1/SLC5A1 Antibody [NBP2-20338] - Human lung fibrose tissue, using SGLT1 antibody at 1:100 dilution. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min.



Western Blot: SGLT1/SLC5A1 Antibody [NBP2-20338] -Various whole cell extracts (30 ug) were separated by 7.5% SDS-PAGE, and the membrane was blotted with SGLT1 antibody [N3C3] diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody, and the signal was developed with Trident ECL plus-Enhanced.



Publications

Yang S, Yang G, Wang X et al. SIRT2 alleviated renal fibrosis by deacetylating SMAD2 and SMAD3 in renal tubular epithelial cells Cell death & disease 2023-09-30 [PMID: 37777567] (IF/ICC, Human)

Herat LY, Matthews JR, Hibbs M et al. SGLT1/2 inhibition improves glycemic control and multi-organ protection in type 1 diabetes iScience 2023-08-18 [PMID: 37520739] (ELISA, Immunohistochemistry, Block/Neutralize)

Yang G, Wang X, Xiang J et al. SIRT2 Alleviated Renal Fibrosis by Deacetylating Conserved Lysine 451 on SMAD2 in Renal Tubular Epithelial Cells SSRN Electronic Journal 2022-07-28

He P, Haque A, Lin S et al. Inhibition of autotaxin alleviates inflammation and increases the expression of sodium-dependent glucose cotransporter 1 and Na⁺/H⁺ exchanger 3 in SAMP1/Fc mice Am. J. Physiol. Gastrointest. 2018-08-17 [PMID: 30118349] (WB, Mouse)





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Products Related to NBP2-20338

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-38748PEP	SGLT1/SLC5A1 Recombinant Protein Antigen

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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