

Product Datasheet

SGLT1/SLC5A1 Antibody NBP2-27565

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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NBP2-27565**SGLT1/SLC5A1 Antibody****Product Information**

Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description

Host	Goat
Gene ID	6523
Gene Symbol	SLC5A1
Species	Rat
Reactivity Notes	Expected from sequence similarity: Human
Immunogen	Peptide with sequence C-KDTIEIDAEAPQKEK corresponding to internal region according to NP_037165.1.

Product Application Details

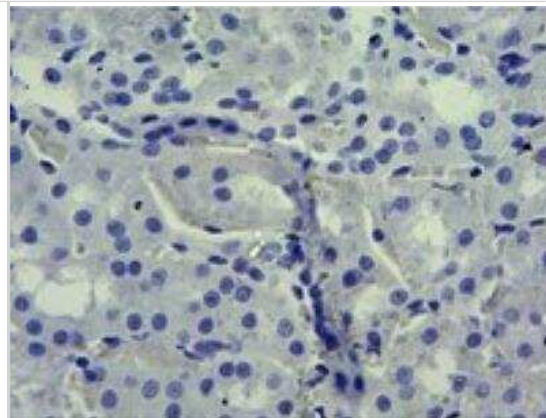
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Peptide ELISA
Recommended Dilutions	Western Blot 0.3 - 2 ug/mL, Immunohistochemistry 10 ug/mL, Immunohistochemistry-Paraffin 10 ug/mL, Peptide ELISA Detection limit 1:16000
Application Notes	Western blot: Approx 70 kDa band observed in Rat Kidney lysates (calculated MW of 72.1 kDa according to NP_037165.1).

Images

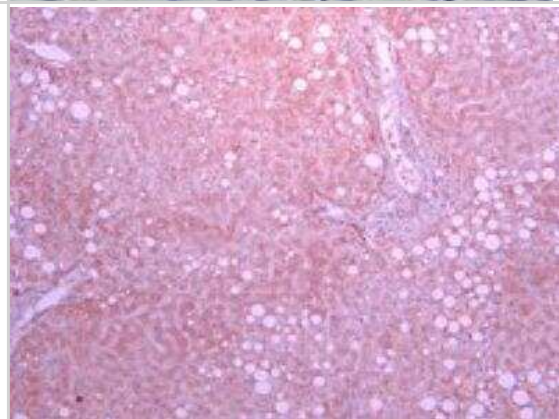
Western Blot: SGLT1/SLC5A1 Antibody [NBP2-27565] - Staining of Rat Kidney lysate (35 ug protein in RIPA buffer). Antibody at 1 ug/mL. Detected by chemiluminescence.

250kDa
150kDa
100kDa
75kDa
50kDa
37kDa
25kDa
20kDa
15kDa

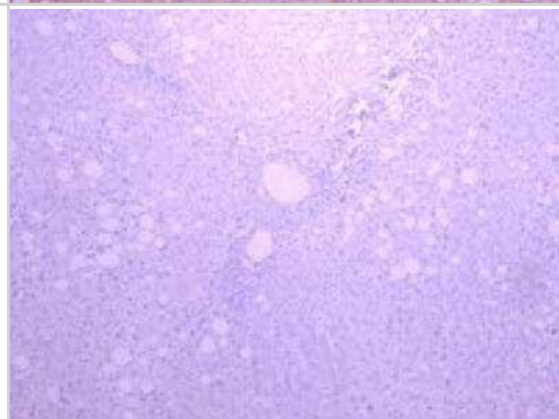
Immunohistochemistry-Paraffin: SGLT1/SLC5A1 Antibody [NBP2-27565]
 - Negative Control showing staining of paraffin embedded Rat Kidney,
 with no primary antibody.



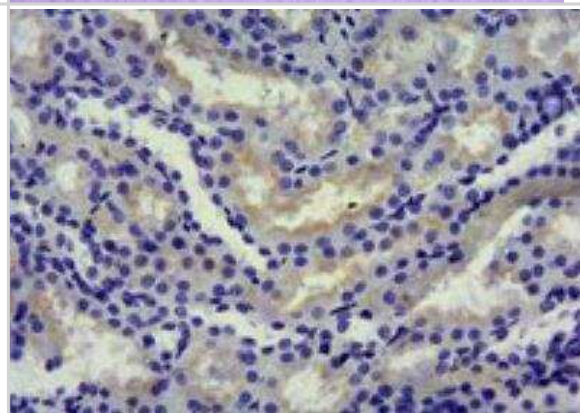
Immunohistochemistry-Paraffin: SGLT1/SLC5A1 Antibody [NBP2-27565]
 - Staining of paraffin embedded Human Liver. Antibody at 10 ug/mL.
 Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.



Immunohistochemistry-Paraffin: SGLT1/SLC5A1 Antibody [NBP2-27565]
 - Negative Control showing staining of paraffin embedded Human Liver,
 with no primary antibody.



Immunohistochemistry-Paraffin: SGLT1/SLC5A1 Antibody [NBP2-27565]
 - Staining of paraffin embedded Rat Kidney. Antibody at 10 ug/mL. Heat
 induced antigen retrieval with citrate buffer pH 6, HRP-Staining (1:500).



Publications

Hummel CS, Lu C, Loo DD et al. Glucose transport by human renal Na⁺/D-glucose cotransporters SGLT1 and SGLT2. Am J Physiol Cell Physiol 2011-01-01 [PMID: 20980548]



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HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control
NBP2-33629PEP	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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