

Product Datasheet

Glut1 Antibody - BSA Free NBP2-54745

Unit Size: 100 ul

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

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Updated 9/9/2025 v.20.1

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NBP2-54745

Glut1 Antibody - BSA Free

Product Information	
Unit Size	100 ul
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), 40% Glycerol
Target Molecular Weight	54.1 kDa

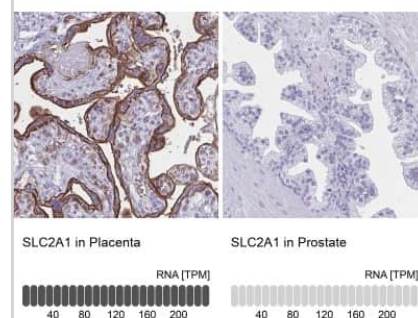
Product Description	
Description	Novus Biologicals Rabbit Glut1 Antibody - BSA Free (NBP2-54745) is a polyclonal antibody validated for use in IHC and ICC/IF. Anti-Glut1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	6513
Gene Symbol	SLC2A1
Species	Human
Immunogen	This Glut1 antibody was developed against a recombinant protein corresponding to amino acids: RNEENRAKSVLKKLRGTADVTHDLQE

Product Application Details	
Applications	Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	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 /-100.

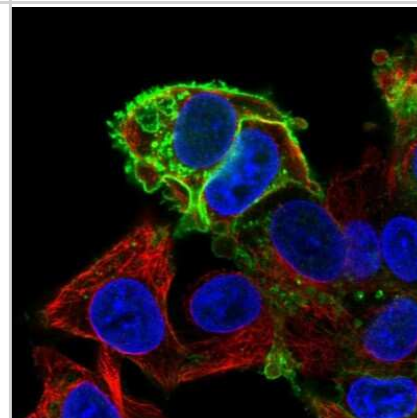


Images

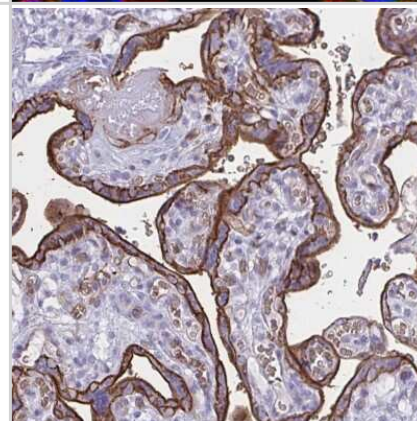
Immunohistochemistry-Paraffin: Glut1 Antibody [NBP2-54745] - Immunohistochemistry analysis of human placenta and prostate tissues using anti-SLC2A1 antibody. Corresponding SLC2A1 RNA-seq data are presented for the same tissues.



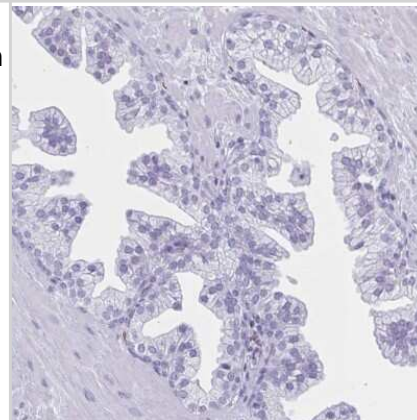
Immunocytochemistry/Immunofluorescence: Glut1 Antibody [NBP2-54745] - Immunofluorescent staining of human cell line HepG2 shows localization to plasma membrane.



Immunohistochemistry-Paraffin: Glut1 Antibody [NBP2-54745] - Immunohistochemistry analysis of human placenta shows high expression.



Immunohistochemistry-Paraffin: Glut1 Antibody [NBP2-54745] - Immunohistochemistry analysis of human prostate shows low expression as expected.



Publications

Kimura A, Suehiro K, Mukai A et al. Protective effects of hydrogen gas against spinal cord ischemia-reperfusion injury
The Journal of Thoracic and Cardiovascular Surgery 2021-05-01 [PMID: 34090694]



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Products Related to NBP2-54745

NBP2-54745PEP	Glut1 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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