

# Product Datasheet

## Glut1 Antibody NBP2-48609

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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**NBP2-48609**

Glut1 Antibody

**Product Information**

<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	PBS (pH 7.2), 40% Glycerol
<b>Target Molecular Weight</b>	54.1 kDa

**Product Description**

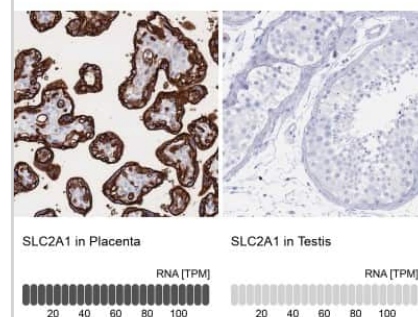
<b>Host</b>	Rabbit
<b>Gene ID</b>	6513
<b>Gene Symbol</b>	SLC2A1
<b>Species</b>	Human, Mouse
<b>Immunogen</b>	This Glut1 antibody was developed against a recombinant protein corresponding to amino acids: GRTFDEIASGFRQGGASQSDKTPEELFHP

**Product Application Details**

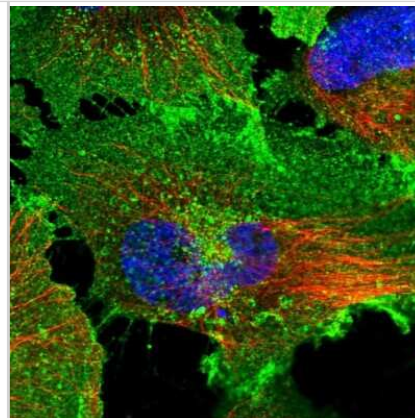
<b>Applications</b>	Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Immunohistochemistry 1:1000 - 1:2500, Immunocytochemistry/ Immunofluorescence 0.25 - 2 ug/mL, Immunohistochemistry-Paraffin 1:1000 - 1:2500
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF fixation permeabilization: Use PFA/Triton X-100.

**Images**

Immunohistochemistry-Paraffin: Glut1 Antibody [NBP2-48609] - Immunohistochemical analysis of human placenta and testis tissues. Corresponding SLC2A1 RNA-seq data are presented for the same tissues.



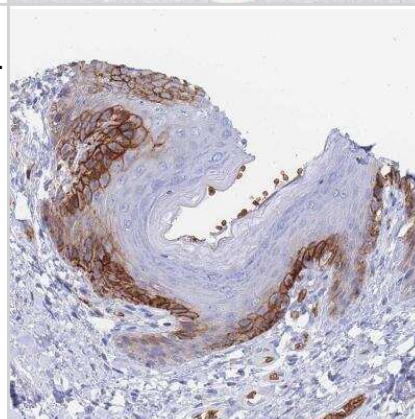
Immunocytochemistry/Immunofluorescence: Glut1 Antibody [NBP2-48609] - Immunocytochemistry analysis of human cell line U-251 MG shows localization to plasma membrane. Antibody staining is shown in green.



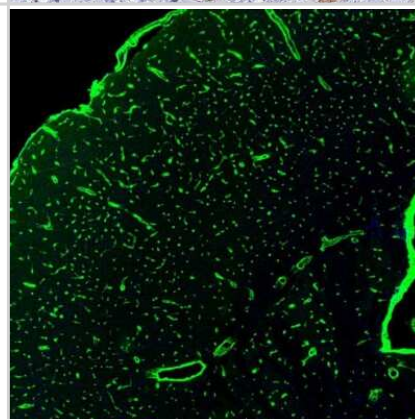
Immunohistochemistry-Paraffin: Glut1 Antibody [NBP2-48609] - Immunohistochemical analysis of human cerebral cortex shows strong membranous positivity in endothelial cells.



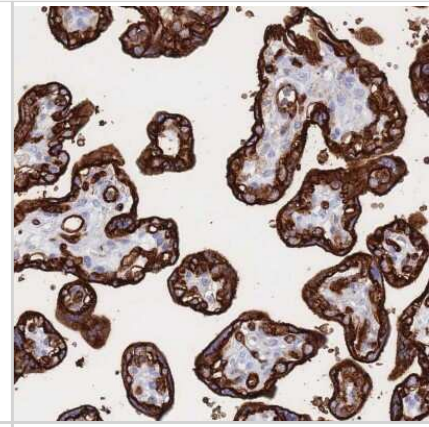
Immunohistochemistry-Paraffin: Glut1 Antibody [NBP2-48609] - Staining of human skin shows moderate membranous positivity in epidermal cells.



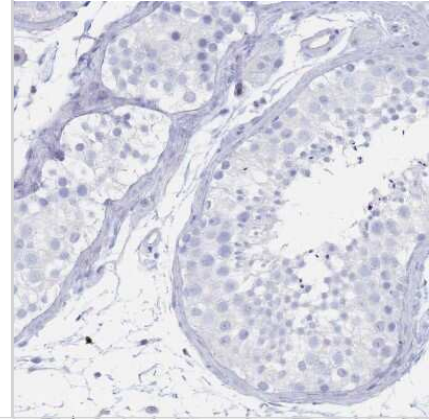
Immunohistochemistry: Glut1 Antibody [NBP2-48609] - Immunohistochemistry analysis of mouse brain shows moderate positivity in endothelial cells in the cerebral cortex.



Immunohistochemistry-Paraffin: Glut1 Antibody [NBP2-48609] -  
Immunohistochemistry analysis of human placenta shows strong  
membranous positivity in trophoblastic cells.



Immunohistochemistry-Paraffin: Glut1 Antibody [NBP2-48609] -  
Immunohistochemistry analysis of human testis shows no membranous  
positivity in cells in seminiferous ducts as expected.





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### **Products Related to NBP2-48609**

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NBP2-48609PEP	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

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### **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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