

# Product Datasheet

## Glut3 Antibody - BSA Free

### NBP1-89762

Unit Size: 0.1 ml

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

[www.novusbio.com](http://www.novusbio.com)



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#### Publications: 3

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Updated 2/21/2025 v.20.1

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**NBP1-89762**

Glut3 Antibody - BSA Free

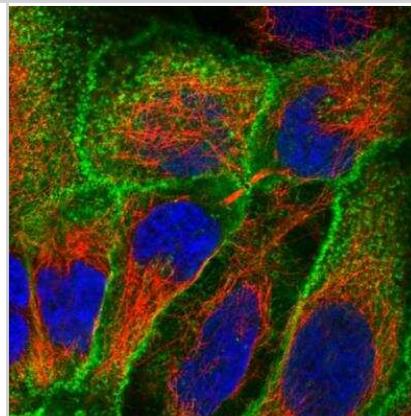
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol
Target Molecular Weight	54 kDa

Product Description	
Host	Rabbit
Gene ID	6515
Gene Symbol	SLC2A3
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: KVPETRGRTFEDITRAFEGQAHGADRSGKDGVMEMNSIEPAKETTT

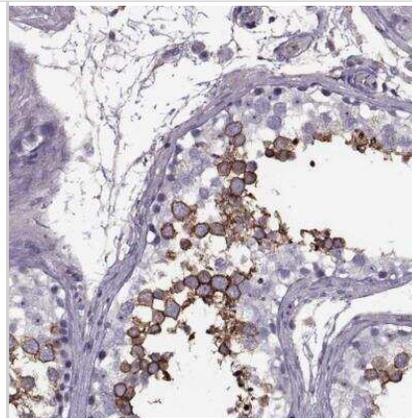
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot Reported in scientific literature (PMID 25948295), Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

**Images**

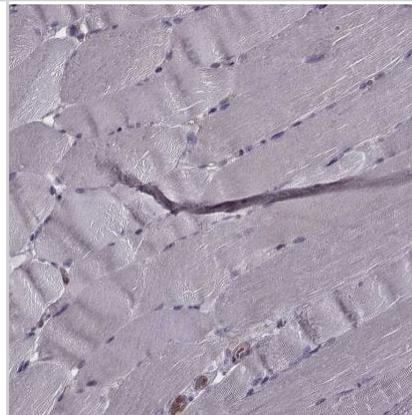
Immunocytochemistry/Immunofluorescence: Glut3 Antibody [NBP1-89762] - Staining of human cell line CACO-2 shows localization to plasma membrane. Antibody staining is shown in green.



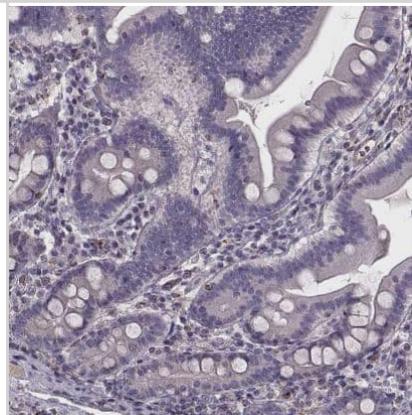
Immunohistochemistry-Paraffin: Glut3 Antibody [NBP1-89762] - Staining of human testis shows strong membranous positivity in cells in seminiferous ducts.



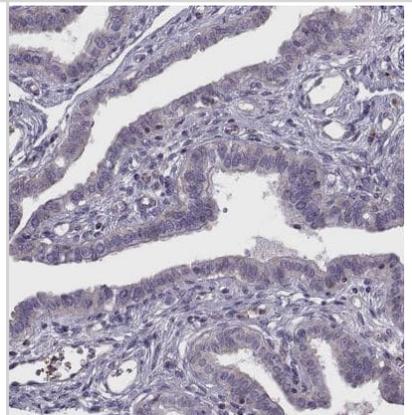
Immunohistochemistry-Paraffin: Glut3 Antibody [NBP1-89762] - Staining of human skeletal muscle shows no membranous positivity in myocytes as expected.



Immunohistochemistry-Paraffin: Glut3 Antibody [NBP1-89762] - Staining of human small intestine shows no membranous positivity in glandular cells as expected.



Immunohistochemistry-Paraffin: Glut3 Antibody [NBP1-89762] - Staining of human fallopian tube shows no membranous positivity in glandular cells as expected.



## Publications

Bertelli PM, Pedrini E, Hughes D et al. Long term high glucose exposure induces premature senescence in retinal endothelial cells *Frontiers in Physiology* 2022-08-26 [PMID: 36091370]

Wang W, Xiao ZD, Li X et al. AMPK modulates Hippo pathway activity to regulate energy homeostasis. *Nat Cell Biol* 2015-04-01 [PMID: 25751139] (IF/IHC, Human)

Theodosakis N, Held MA, Marzuka-Alcala A et al. BRAF inhibition decreases cellular glucose uptake in melanoma in association with reduction in cell volume. *Mol. Cancer Ther.* 2015-05-06 [PMID: 25948295] (WB, Human)





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### **Products Related to NBP1-89762**

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NBP1-89762PEP	Glut3 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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