

Rabbit anti-Human Glut3 Polyclonal Antibody | anti-SLC2A3 antibody

Glut3 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA171799	Rabbit	Human	Immunohistochemistry, Western Blot

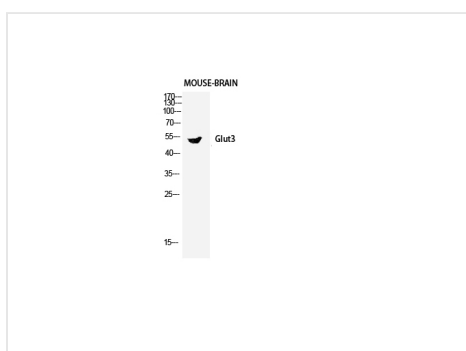
PRODUCT SYNONYMS

Glut3; Polyclonal Antibody; Glut3 Polyclonal Antibody; SLC2A3; GLUT3; Solute carrier family 2; facilitated glucose transporter member 3; Glucose transporter type 3; brain; GLUT-3; anti-SLC2A3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer, 0.5% protein protectant and 50% glycerol.
Applicable Applications for anti-SLC2A3 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Synthesized peptide derived from the C-terminal region of human Glut3.
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.

IMAGES



WB (Western Blot)

Western Blot analysis of Mouse kidney, using Glut3 Polyclonal Antibody at dilution of 1:2000.

ADDITIONAL INFORMATION

Related Product Information for anti-SLC2A3 antibody	Glucose transporter 3(or GLUT3), also known as solute carrier family 2, facilitated glucose transporter member 3(SLC2A3) is a protein that in humans is encoded by the SLC2A3 gene. GLUT3 facilitates the transport of glucose across the plasma membranes of mammalian cells. GLUT3 is most known for its specific expression in neurons and has originally been designated as the neuronal GLUT. GLUT3 has been studied in other cell types with specific glucose requirements, including sperm, preimplantation embryos, circulating white blood cells and carcinoma cell lines. GLUT3 has both a higher affinity for glucose and at least a fivefold greater transport capacity than GLUT1, GLUT2 and GLUT4, which is particularly significant for its role in neuronal glucose transport, where ambient glucose levels are fivefold lower than in serum.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	14268548
NCBI GeneID	6515
Molecular Weight	Calculated MW: 54 Observed MW: 55
NCBI Official Full Name	glucose transporter-like protein III, partial
NCBI Official Synonym Full Names	solute carrier family 2 member 3
NCBI Official Symbol	SLC2A3
NCBI Official Synonym Symbols	GLUT3
NCBI Protein Information	solute carrier family 2, facilitated glucose transporter member 3
UniProt Protein Name	Solute carrier family 2, facilitated glucose transporter member 3
UniProt Gene Name	SLC2A3
UniProt Synonym Gene Names	GLUT3; GLUT-3
UniProt Entry Name	GTR3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/glut3-antibody-immunohistochemistry-western-blot-elisa/171799>