

Mouse GLUT4 Monoclonal Antibody | anti-GLUT4 antibody

GLUT4 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA253816	Mouse	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

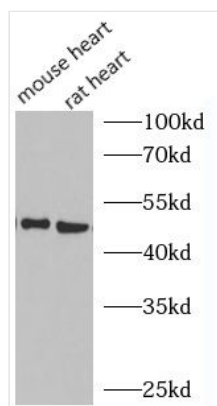
PRODUCT SYNONYMS

GLUT4; Monoclonal Antibody; GLUT4 antibody; Solute carrier family 2; facilitated glucose transporter member 4; Glucose transporter type 4; insulin-responsive (GLUT-4); SLC2A4; anti-GLUT4 antibody

PRODUCT SPECIFICATIONS

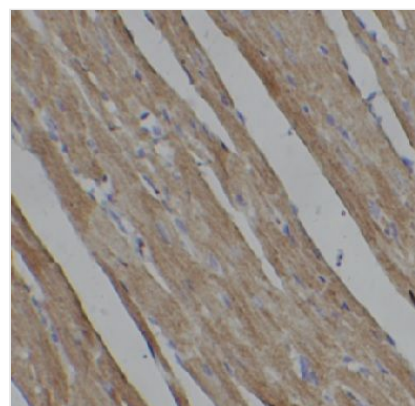
Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG2b
Clone Number	4G1
Purity/Purification	Protein A+G purification >=95% as determined by SDS-PAGE
Form/Format	Liquid PBS with 0.02% sodium azide and 50% glycerol pH7.3
Applicable Applications for anti-GLUT4 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	solute carrier family 2 (facilitated glucose transporter), member 4
Preparation and Storage	Store at -20 degree C for 12 months (Avoid repeated freeze/thaw cycles.)

IMAGES



WB (Western Blot)

various lysates were subjected to SDS PAGE followed by western blot with AAA253816 (GLUT4 antibody) at dilution of 1:1000



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse heart tissue slide using AAA253816 (GLUT4 antibody) at dilution of 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-GLUT4 antibody	This gene is a member of the solute carrier family 2 (facilitated glucose transporter) family and encodes a protein that functions as an insulin-regulated facilitative glucose transporter. In the absence of insulin, this integral membrane protein is sequestered within the cells of muscle and adipose tissue. Within minutes of insulin stimulation, the protein moves to the cell surface and begins to transport glucose across the cell membrane. Mutations in this gene have been associated with noninsulin-dependent diabetes mellitus (NIDDM).
Product Categories/Family for anti-GLUT4 antibody	Metabolism

NCBI AND UNIPROT INFORMATION

NCBI GI #	121761
NCBI GeneID	6517
UniProt Accession #	P14672; Q05BQ3; Q14CX2
Molecular Weight	509
NCBI Official Full Name	Solute carrier family 2, facilitated glucose transporter member 4
NCBI Official Synonym Full Names	solute carrier family 2 (facilitated glucose transporter), member 4
NCBI Official Symbol	SLC2A4
NCBI Official Synonym Symbols	GLUT4
NCBI Protein Information	solute carrier family 2, facilitated glucose transporter member 4; GLUT-4; insulin-responsive glucose transporter type 4; glucose transporter type 4, insulin-responsive
UniProt Protein Name	Solute carrier family 2, facilitated glucose transporter member 4
UniProt Gene Name	SLC2A4
UniProt Synonym Gene Names	GLUT4; GLUT-4
UniProt Entry Name	GTR4_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://stage.aaabiotech.com/monoclonal/glut4-antibody-clone-4g1-immunofluorescence-immunohistochemistry-western-blot-elisa/253816>