

Rabbit GLUT4 Polyclonal Antibody | anti-SLC2A4 antibody

Anti-GLUT4 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA11601	Rabbit	Human, Mouse, Rat	Western Blot, Immunohistochemistry, Immunohistochemistry

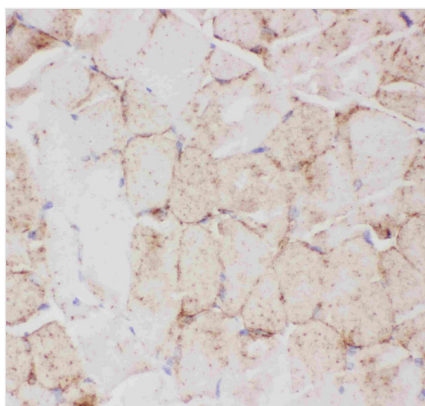
PRODUCT SYNONYMS

GLUT4; Polyclonal Antibody; Anti-GLUT4 Antibody; Solute carrier family 2; facilitated glucose transporter member 4; solute carrier family 2 (facilitated glucose transporter); member 4; insulin-responsive antibody; Glucose transporter GLUT 4 antibody; Glucose transporter type 4 antibody; Glucose transporter type 4 insulin responsive antibody; GLUT 4 antibody; GLUT-4 antibody; GLUT4 antibody; GTR4_HUMAN antibody; kug antibody; SLC 2A4 antibody; SLC2A4 antibody; solute carrier family 2 (facilitated glucose transporter) member 4 antibody; facilitated glucose transporter member 4 antibody; anti-SLC2A4 antibody

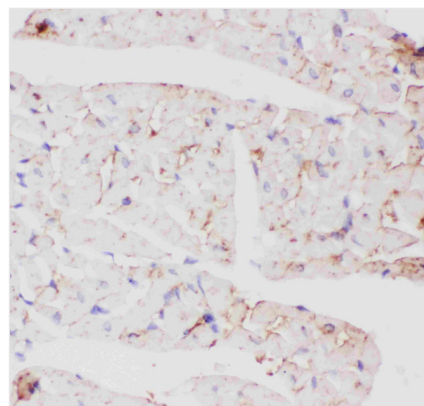
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	509
Applicable Applications for anti-SLC2A4 antibody	WB (Western Blot), IHC (Immunohistochemistry), IHC (Immunohistochemistry)
Immunogen	E Coli-derived human GLUT4 recombinant protein (Position: N333-D509). Human GLUT4 shares 97% amino acid (aa) sequence identity with mouse GLUT4.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

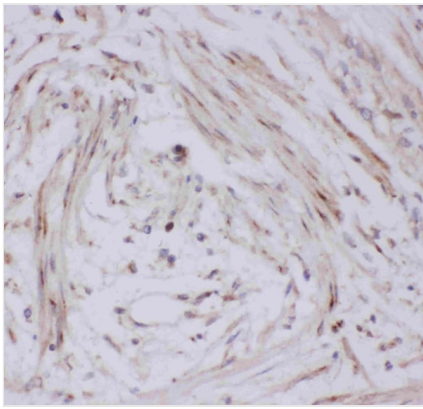
IMAGES


IHC (Immunohistochemistry)

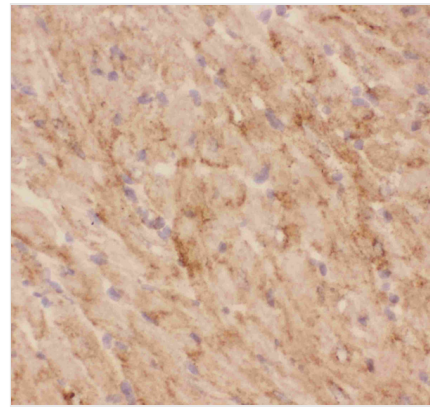
Anti-GLUT4 Picoband antibody, AAA11601-6.JPGIHC(P): Mouse Skeletal Muscle Tissue


IHC (Immunohistochemistry)

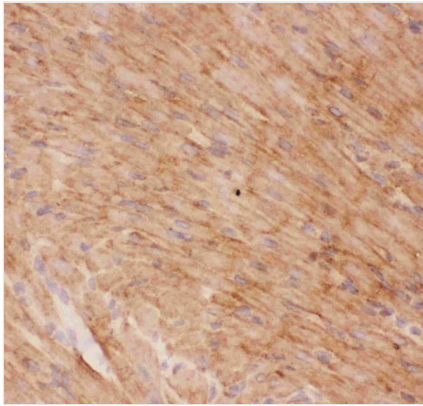
Anti-GLUT4 Picoband antibody, AAA11601-5.JPGIHC(P): Rat Cardiac Muscle Tissue



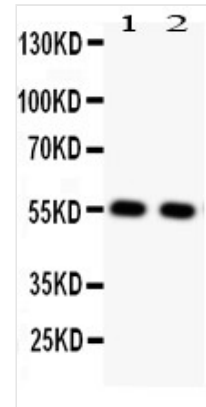
IHC (Immunohistochemistry)
Anti-GLUT4 Picoband antibody, AAA11601-4.JPGIHC(P): Human Intestinal Cancer Tissue



IHC (Immunohistochemistry)
Anti-GLUT4 Picoband antibody, AAA11601-3.JPGIHC(F): Mouse Cardiac Muscle Tissue



IHC (Immunohistochemistry)
Anti-GLUT4 Picoband antibody, AAA11601-2.JPGIHC(F): Rat Cardiac Muscle Tissue



Application Data
Anti-GLUT4 Picoband antibody, AAA11601-1.jpgAll lanes: Anti GLUT4 (AAA11601) at 0.5ug/mlLane 1: Rat Cardiac MuscleTissue Lysate at 50ugLane 2: Rat Skeletal MuscleTissue Lysate at 50ugPredicted bind size: 55KDObserved bind size: 55KD

ADDITIONAL INFORMATION

Related Product Information for anti-SLC2A4 antibody

Description: Rabbit IgG polyclonal antibody for Solute carrier family 2, facilitated glucose transporter member 4(SLC2A4) detection. Tested with WB, IHC-P, IHC-F in Human, Mouse, Rat.

Background: GLUT4, also known as SLC2A4 or solute carrier family 2 (facilitated glucose transporter) member 4, is a protein that in humans is encoded by the GLUT4 gene. It is mapped to 17p13.1. 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).

NCBI AND UNIPROT INFORMATION

NCBI GI #	121761
NCBI GeneID	6517
UniProt Accession #	P14672 ; Q05BQ3 ; Q14CX2
Molecular Weight	43,760 Da
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://www.aaabiotech.com/polyclonal/glut4-antibody-western-blot-immunohistochemistry-immunohistochemistry-elisa/11601>