

Rabbit anti-Mouse, Rat GLUT-4 Polyclonal Antibody | anti-GLUT-4 antibody

GLUT-4 Polyclonal Antibody

CATALOG # AAA174416	HOST Rabbit	REACTIVITY Mouse, Rat	APPLICATIONS Immunohistochemistry
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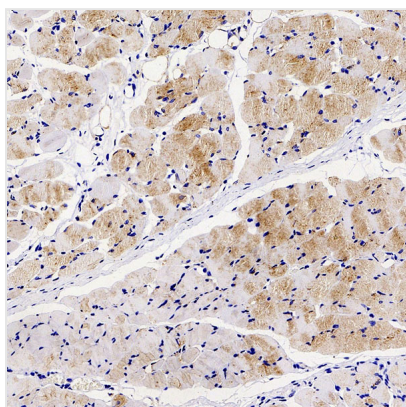
PRODUCT SYNONYMS

GLUT-4; Polyclonal Antibody; GLUT-4 Polyclonal Antibody; insulin-responsive; Glucose transporter GLUT 4; Glucose transporter type 4; Glucose transporter type 4 insulin responsive; GLUT 4; GLUT4; GTR4; Insulin responsive glucose transporter type 4; kug; SLC 2A4; SLC2A4; solute carrier family 2 (facilitated glucose transporter) member 4; Solute carrier family 2 member 4; Solute carrier family 2; facilitated glucose transporter member 4; anti-GLUT-4 antibody

PRODUCT SPECIFICATIONS

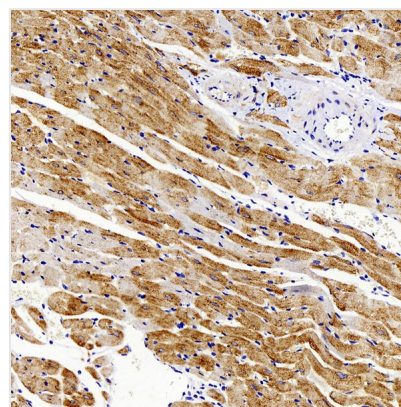
Host	Rabbit
Reactivity	Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 100 mug/ml BSA and 50% glycerol.
Concentration	1.4 mg/mL (varies by lot)
Sequence Length	509
Applicable Applications for anti-GLUT-4 antibody	IHC (Immunohistochemistry)
Immunogen	KLH conjugated synthetic peptide corresponding to Mouse GLUT4
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded rat skeletal muscle using GLUT-4 Polyclonal Antibody at dilution of 1:300.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded mouse skeletal muscle using GLUT-4 Polyclonal Antibody at dilution of 1:500.

ADDITIONAL INFORMATION

Related Product Information for anti-GLUT-4 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-GLUT-4 antibody	Cancer; Cardiovascular; Metabolism; Signal Transduction; Stem Cells

NCBI AND UNIPROT INFORMATION

NCBI GI #	118026925
NCBI GeneID	20528
NCBI Accession #	NP_033230.2
NCBI GenBank Nucleotide #	NM_009204.2
UniProt Accession #	P14142; Q3TPK6; Q9JJN9
Molecular Weight	54,755 Da
NCBI Official Full Name	solute carrier family 2, facilitated glucose transporter member 4 isoform 1
NCBI Official Synonym Full Names	solute carrier family 2 (facilitated glucose transporter), member 4
NCBI Official Symbol	Slc2a4
NCBI Official Synonym Symbols	GT2; twgy; Glut4; Glut-4
NCBI Protein Information	solute carrier family 2, facilitated glucose transporter member 4
UniProt Protein Name	Solute carrier family 2, facilitated glucose transporter member 4
UniProt Gene Name	Slc2a4
UniProt Synonym Gene Names	Glut-4; Glut4; GLUT-4

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/polyclonal/glut-4-antibody-immunohistochemistry-elisa/174416>