

Rabbit GLUT5 Polyclonal Antibody | anti-GLUT5 antibody

GLUT5 antibody

CATALOG # AAA224201	HOST Rabbit	APPLICATIONS Immunohistochemistry, Western Blot
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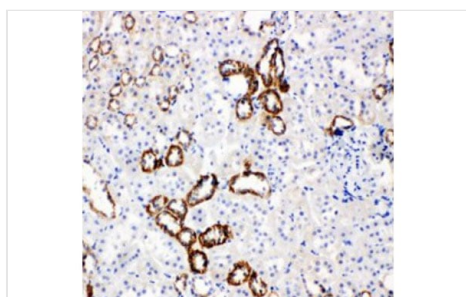
PRODUCT SYNONYMS

GLUT5; Polyclonal Antibody; GLUT5 antibody; Polyclonal GLUT5; Anti-GLUT5; GLUT-5; Glucose Transporter 5; GLUT 5; anti-GLUT5 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	GLUT5 antibody was purified by affinity chromatography
Form/Format	Immunogen affinity purified. Lyophilized from 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimersal, and 0.05mg NaN3. Reconstitute with 0.2ml dH2O for a final concentration of 500 ug/ml.
Concentration	100ug, lyophilized (varies by lot)
Sequence Length	501
Applicable Applications for anti-GLUT5 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Biological Significance	GLUT5 is a fructose transporter expressed on the apical border of enterocytes in the small intestine. GLUT5 allows for fructose to be transported from the intestinal lumen into the enterocyte by facilitated diffusion due to fructose's high concentration in the intestinal lumen. GLUT5 is also expressed in skeletal muscle, testis, kidney, fat tissue, and brain.
Cross-Reactivity	Mouse,Rat
Immunogen	synthetic peptide corresponding to a sequence in the middle region of Mouse SLC2A5, different from the related rat sequence by two amino acids.
Preparation and Storage	Ships ambient or refrigerated/frozen. Upon receipt store at -20°C. Reconstituted product is stable at 4°C for 1 month or aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded section of Rat kidney Gland Tissue

ADDITIONAL INFORMATION

Related Product Information for anti-GLUT5 antibody	Affinity purified Rabbit polyclonal GLUT5 antibody
Product Categories/Family for anti-GLUT5 antibody	Cell Biology; Purified Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	183298
NCBI GeneID	6518
NCBI Official Full Name	GLUT5 protein
NCBI Official Synonym Full Names	solute carrier family 2 (facilitated glucose/fructose transporter), member 5
NCBI Official Symbol	SLC2A5
NCBI Official Synonym Symbols	GLUT5; GLUT-5
NCBI Protein Information	solute carrier family 2, facilitated glucose transporter member 5
UniProt Protein Name	Solute carrier family 2, facilitated glucose transporter member 5
UniProt Gene Name	SLC2A5
UniProt Synonym Gene Names	GLUT5; GLUT-5
UniProt Entry Name	GTR5_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/glut5-antibody-immunohistochemistry-western-blot-elisa/224201>