

Rabbit anti-Human GLUT2 (SLC2A2) Polyclonal Antibody | anti-SLC2A2 antibody

GLUT2 (SLC2A2) Antibody (N-term)

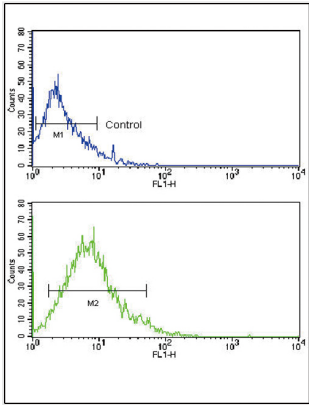
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284189	Rabbit	Human	Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

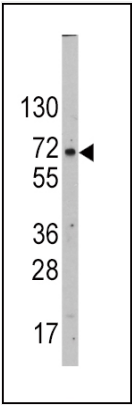
GLUT2 (SLC2A2); Polyclonal Antibody; GLUT2 (SLC2A2) Antibody (N-term); Solute carrier family 2; facilitated glucose transporter member 2; Glucose transporter type 2; liver; GLUT-2; SLC2A2; GLUT2; anti-SLC2A2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This GLUT2 (SLC2A2) antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 31-60 amino acids from the N-terminal region of human GLUT2 (SLC2A2).
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	31-60
Sequence Length	524
Applicable Applications for anti-SLC2A2 antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
Flow cytometric analysis of HL-60 cells using GLUT2 (SLC2A2) Antibody (N-term) (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
Western blot analysis of SLC2A2 Antibody (N-term) in HepG2 cell line lysates (35ug/lane). SLC2A2 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-SLC2A2 antibody	Glucose transporter 2 isoform is an integral plasma membrane glycoprotein of the liver, islet beta cells, intestine, and kidney epithelium. It mediates facilitated bidirectional glucose transport. Because of its low affinity for glucose, it has been suggested as a glucose sensor.
Product Categories/Family for anti-SLC2A2 antibody	Cancer; Developmental biology; Metabolism; Signal transduction
References	Freitas,H.S., Nephron Physiol 105 (3), P42-P51 (2007) Laukkanen,O., Diabetes 54 (7), 2256-2260 (2005) Roncero,I., J. Neurochem. 88 (5), 1203-1210 (2004)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557851
NCBI GeneID	6514
NCBI Accession #	NP_000331.1; NP_001265587.1; NP_001265588.1
NCBI GenBank Nucleotide #	NM_000340.1
UniProt Accession #	P11168; Q9UCW9; A8K481; B2R936; B7Z547; F8W8V8
Molecular Weight	57490
NCBI Official Full Name	solute carrier family 2, facilitated glucose transporter member 2 isoform 1
NCBI Official Synonym Full Names	solute carrier family 2 (facilitated glucose transporter), member 2
NCBI Official Symbol	SLC2A2
NCBI Official Synonym Symbols	GLUT2
NCBI Protein Information	solute carrier family 2, facilitated glucose transporter member 2
UniProt Protein Name	Solute carrier family 2, facilitated glucose transporter member 2
UniProt Gene Name	SLC2A2
UniProt Synonym Gene Names	GLUT2; GLUT-2
UniProt Entry Name	GTR2_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/glut2-slc2a2-antibody-flow-cytometry-western-blot-elisa/284189>