

Rabbit Glucose Transporter 2 (GLUT2) Polyclonal Antibody | anti-GLUT2 antibody

Glucose Transporter 2 (GLUT2) Polyclonal Antibody

CATALOG # AAA47878	HOST Rabbit	APPLICATIONS Immunofluorescence, Immunoblot, Western Blot
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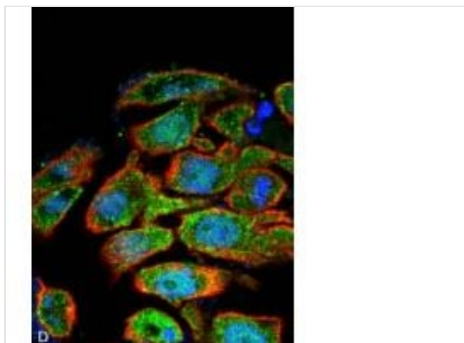
PRODUCT SYNONYMS

Glucose Transporter 2 (GLUT2); Polyclonal Antibody; Glucose Transporter 2 (GLUT2) Polyclonal Antibody; anti-GLUT2 antibody

PRODUCT SPECIFICATIONS

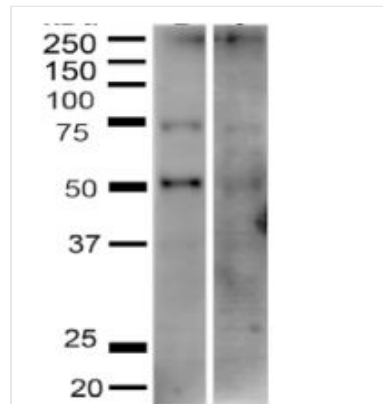
Host	Rabbit
Clonality	Polyclonal
Specificity	This antibody recognizes human and rat GLUT2..
Form/Format	100ug (1mg/ml) peptide affinity-purified antibody in PBS, pH 7.4, 50% glycerol, 0.09% sodium azide.
Sequence Length	524
Applicable Applications for anti-GLUT2 antibody	IF (Immunofluorescence), IB (Immunoblot)
Immunogen	Synthetic peptide corresponding to the C-terminus of human GLUT2.

IMAGES



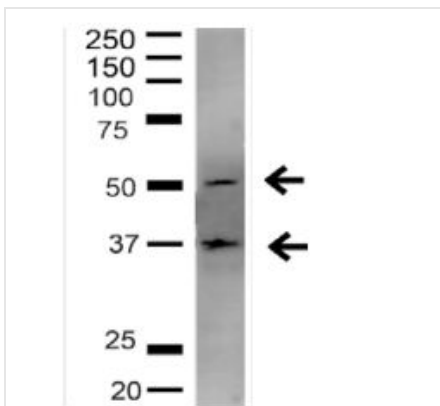
Application Data

Detection of GLUT2 in human Colon cancer cell line (HT-29) diluted 1:100. DAPI (blue) nuclear stain, Texas red actin stain, and FITC (green) BDNF stain.



Application Data

Detection of GLUT2 in HeLa cell lysate (left) and human 293T cell lysate (right) diluted 1:1,000.



Application Data

Detection of GLUT2 in rat liver lysate diluted 1:1,000.

ADDITIONAL INFORMATION

Related Product Information for anti-GLUT2 antibody

GLUT2 is a member of the human glucose transport protein family. It is present in high concentration in the plasma membrane of pancreatic b-cells where it initiates the first step in glucose-stimulated insulin secretion. GLUT2 is required for glucose sensitivity in the hypothalamus and brain stem and is involved in control of food intake and stimulation of glucose uptake by peripheral tissues.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557851
NCBI GeneID	6514
NCBI Accession #	NP_000331.1
NCBI GenBank Nucleotide #	NM_000340.1
UniProt Accession #	P1168 ; Q9UCW9 ; A8K481 ; B2R936 ; B7Z547 ; F8W8V8 ; P11168
Molecular Weight	44,702 Da
NCBI Official Full Name	solute carrier family 2, facilitated glucose transporter member 2 isoform 1
NCBI Official Synonym Full Names	solute carrier family 2 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

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/glucose-transporter-2-glut2-antibody-immunofluorescence-immunoblot-elisa/47878>