

Rabbit anti-Human SLC2A2/GLUT2 Polyclonal Antibody | anti-SLC2A2 antibody

SLC2A2/GLUT2 Rabbit anti-Human Polyclonal Antibody

CATALOG # AAA162954	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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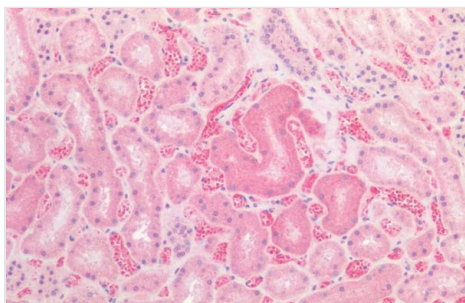
PRODUCT SYNONYMS

SLC2A2/GLUT2; Polyclonal Antibody; SLC2A2/GLUT2 Rabbit anti-Human Polyclonal Antibody; PathPlus SLC2A2/GLUT2 Antibody; SLC2A2; GLUT-2; GLUT2; Glucose transporter 2; anti-SLC2A2 antibody

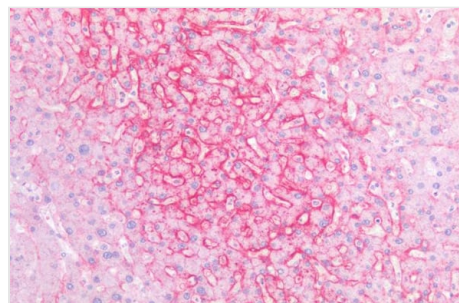
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Immunoaffinity purified
Form/Format	PBS, 0.1% Sodium Azide
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-SLC2A2 antibody	IHC (Immunohistochemistry)
Target	Human SLC2A2/GLUT2
Immunogen	LP-10649, synthetic peptide
Conjugation	Unconjugated
Family	Transporter
Subfamily	Sugar transporter
Preparation and Storage	Aliquot and store undiluted at -20 degree C or below for up to 1 year. Can be stored undiluted at 4 degree C for up to 1 month. Avoid freeze-thaw cycles.

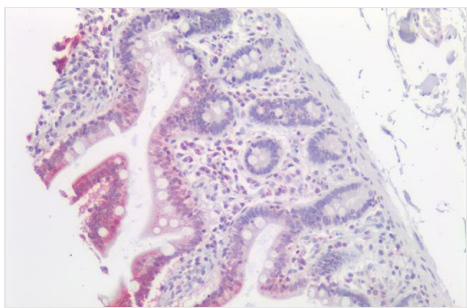
IMAGES



IHC (Immunohistochemistry)
SLC2A2/GLUT2 Antibody-Human Kidney: Formalin-Fixed, Paraffin-Embedded (FFPE)



IHC (Immunohistochemistry)
SLC2A2/GLUT2 Antibody-Human Liver: Formalin-Fixed, Paraffin-Embedded (FFPE)



IHC (Immunohistochemistry)
 SLC2A2/GLUT2 Antibody-Human Small Intestine: Formalin-Fixed, Paraffin-Embedded (FFPE)

ADDITIONAL INFORMATION

Related Product Information for anti-SLC2A2 antibody	GLUT2 antibody is an unconjugated rabbit polyclonal antibody to GLUT2 (SLC2A2) from human. Validated for IHC. SLC2A2 (GLUT2) is a transmembrane carrier protein involved in transporting glucose across cell membranes and between the liver and blood. Mutations in SLC2A2 are associated with Fanconi-Bickel syndrome. SLC2A2 is positive in breast, liver and colon cancers, where it may be involved in tumor glucose uptake and energy production. In immunohistochemistry of normal tissue, SLC2A2 has positive membranous staining in the liver, pancreatic B cells, and the basolateral membrane of renal tubular epithelium and the small intestine.
References	Biochemistry. 1991 May. 30 (21): 5139 -5145, DOI: 10.1021/bi00235a004; Diabetes. 2005 Oct. 54 (10): 3056 -62, PMID: 16186415; Molecular and Cellular Endocrinology. 2005 June. 237 (1 -2): 49 -57, PMID: 15869838; Human Genetics. 2002 Jan. 110 (1): 21 -9, PMID: 11810292; World J Transl Med. Aug 12, 2014; 3(2): 37-57, DOI: 10.5528/wjtm.v3.i2.37; J Cell Physiol. 2006 Jun;207(3):614-27, PMID: 16523487

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557851
NCBI GeneID	6514
NCBI Accession #	NP_000331.1
NCBI GenBank Nucleotide #	NM_000340
UniProt Accession #	P11168; Q9UCW9; A8K481; B2R936; B7Z547; F8W8V8
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
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.