

Rabbit SLC2A5 Polyclonal Antibody | anti-SLC2A5 antibody

SLC2A5 Polyclonal Antibody

CATALOG # AAA170121	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, ELISA
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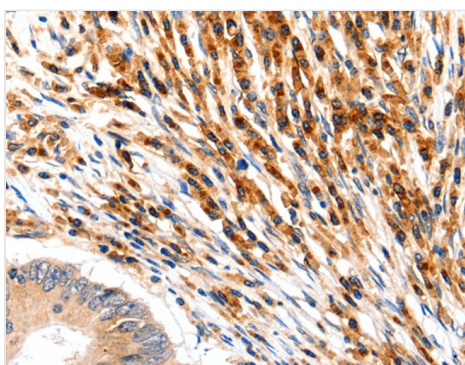
PRODUCT SYNONYMS

SLC2A5; Polyclonal Antibody; SLC2A5 Polyclonal Antibody; GLUT5; GLUT-5; anti-SLC2A5 antibody

PRODUCT SPECIFICATIONS

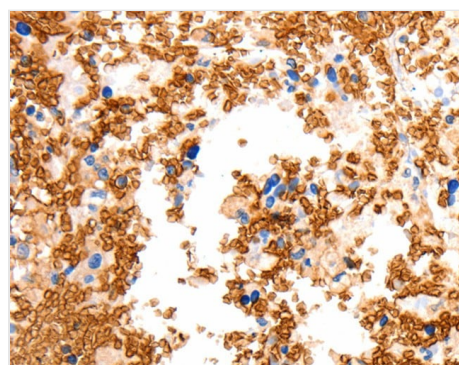
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	0.5mg/mL (varies by lot)
Sequence Length	244
Applicable Applications for anti-SLC2A5 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Synthetic peptide of human SLC2A5
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human colon cancer tissue using SLC2A5 Polyclonal Antibody at dilution of 1:12



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using SLC2A5 Polyclonal Antibody at dilution of 1:12

ADDITIONAL INFORMATION

Related Product Information for anti-SLC2A5 antibody	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. Fructose malabsorption or Dietary Fructose Intolerance is a dietary disability of the small intestine, where the amount of fructose carrier in enterocytes is deficient. In humans the GLUT5 protein is encoded by the SLC2A5 gene.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	207447703
NCBI GeneID	6518
NCBI Accession #	NP_001129057.1
NCBI GenBank Nucleotide #	NM_001135585.1
Molecular Weight	26,519 Da
NCBI Official Full Name	solute carrier family 2, facilitated glucose transporter member 5 isoform 2
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; glucose transporter type 5, small intestine; glucose transporter-like protein 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://stage.aaabiotech.com/polyclonal/slc2a5-antibody-immunohistochemistry-elisa/170121>