

Rabbit SLC2A1 Antibody | anti-SLC2A1 antibody

SLC2A1

CATALOG # AAA279891	HOST Rabbit	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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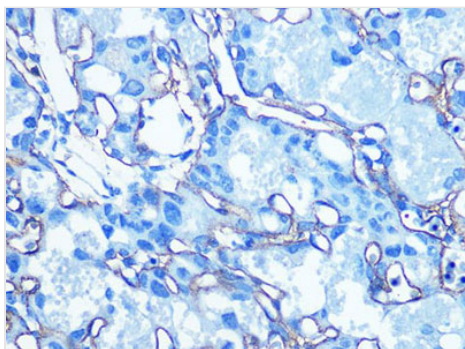
PRODUCT SYNONYMS

SLC2A1; CSE; PED; DYT9; GLUT; DYT17; DYT18; EIG12; GLUT1; HTLVR; GLUT-1; SDCHCN; GLUT1DS; GLUT1/SLC2A1; anti-SLC2A1 antibody

PRODUCT SPECIFICATIONS

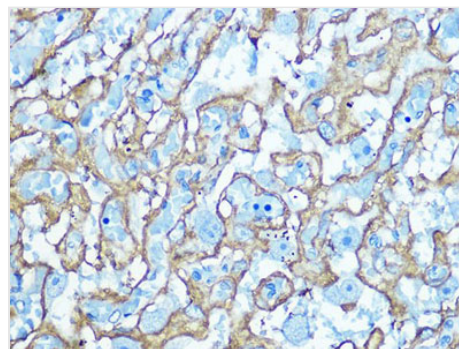
Host	Rabbit
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300,50% glycerol,pH7.3.
Applicable Applications for anti-SLC2A1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 210-310 of human GLUT1/SLC2A1 (NP_006507.2).
Species Reactivity/Cross-Reactivity	Human, Mouse, Rat
Preparation and Storage	Store at -20°C. Avoid freeze / thaw cycles

IMAGES



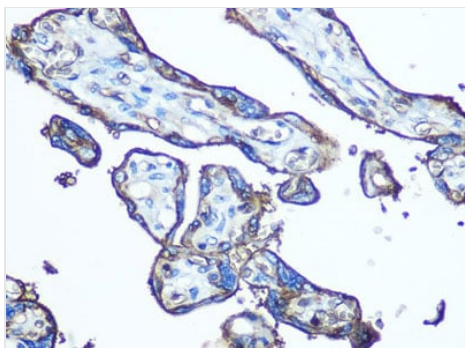
IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded mouse placenta using GLUT1/SLC2A1 Rabbit pAb (AAA279891) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol



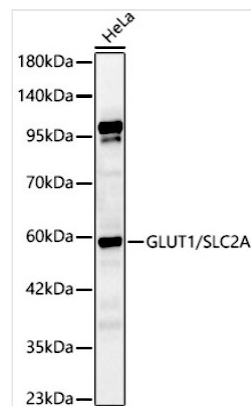
IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded rat placenta using GLUT1/SLC2A1 Rabbit pAb (AAA279891) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol



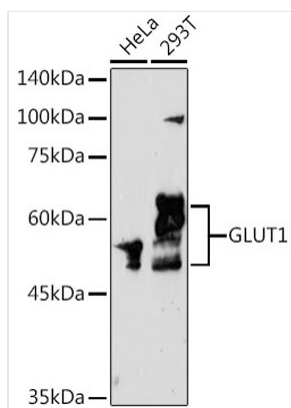
IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human placenta using GLUT1/SLC2A1 Rabbit pAb (AAA279891) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol



WB (Western Blot)

Western blot analysis of HeLa, using GLUT1/SLC2A1 Rabbit pAb (AAA279891) at 1:2000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 60s.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using GLUT1 Rabbit pAb (AAA279891) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 180s

ADDITIONAL INFORMATION

Related Product Information for anti-SLC2A1 antibody	This gene encodes a major glucose transporter in the mammalian blood-brain barrier. The encoded protein is found primarily in the cell membrane and on the cell surface, where it can also function as a receptor for human T-cell leukemia virus (HTLV) I and II. Mutations in this gene have been found in a family with paroxysmal exertion-induced dyskinesia.
Product Categories/Family for anti-SLC2A1 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	115502394
NCBI GeneID	6513
UniProt Accession #	P11166; O75535; Q147X2; A8K9S6; B2R620; D3DPX0
Molecular Weight	Observed MW: 60kDa Calculated MW: 54kDa
NCBI Official Full Name	Solute carrier family 2, facilitated glucose transporter member 1
NCBI Official Synonym Full Names	solute carrier family 2 (facilitated glucose transporter), member 1

NCBI Official Symbol	SLC2A1
NCBI Official Synonym Symbols	PED; DYT9; GLUT; DYT17; DYT18; EIG12; GLUT1; HTLVR; GLUT-1; GLUT1DS
NCBI Protein Information	solute carrier family 2, facilitated glucose transporter member 1; hepG2 glucose transporter; receptor for HTLV-1 and HTLV-2; glucose transporter type 1, erythrocyte/brain; human T-cell leukemia virus (I and II) receptor
UniProt Protein Name	Solute carrier family 2, facilitated glucose transporter member 1
UniProt Gene Name	SLC2A1
UniProt Synonym Gene Names	GLUT1; GLUT-1
UniProt Entry Name	GTR1_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/rabbit-antibody/slc2a1/279891>