

Rabbit GLUT1 Polyclonal Antibody | anti-SLC2A1 antibody

Anti-GLUT1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA104382	Rabbit	Human, Mouse, Rat, Bovine, Dog, Pig, Rabbit, Sheep	Immunohistochemistry, Western Blot

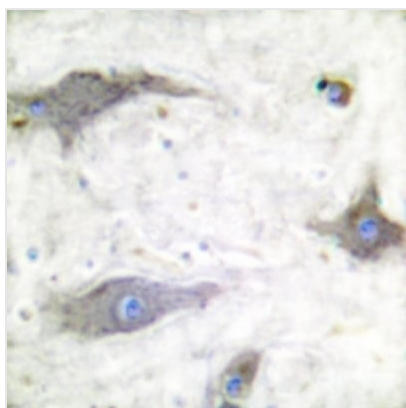
PRODUCT SYNONYMS

GLUT1; Polyclonal Antibody; Anti-GLUT1 Antibody; Solute carrier family 2; facilitated glucose transporter member 1; Glucose transporter type 1; erythrocyte/brain; GLUT-1; HepG2 glucose transporter; anti-SLC2A1 antibody

PRODUCT SPECIFICATIONS

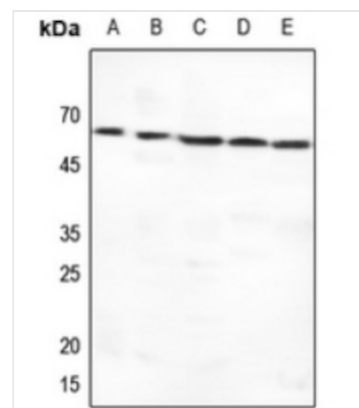
Host	Rabbit
Reactivity	Human, Mouse, Rat, Bovine, Dog, Pig, Rabbit, Sheep
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of GLUT1 protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Sequence Length	492
Applicable Applications for anti-SLC2A1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human GLUT1. The exact sequence is proprietary.
Preparation and Storage	Aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



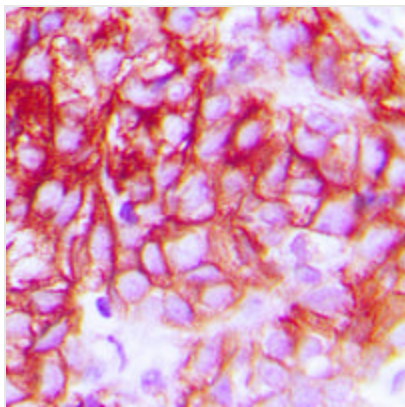
IHC (Immunohistochemistry)

Immunohistochemical analysis of GLUT1 staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

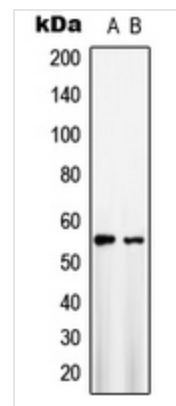


WB (Western Blot)

Western blot analysis of GLUT1 expression in HEK293T (A), Hela (B), HGC27 (C), mouse lung (D), rat lung (E) whole cell lysates. (Predicted band size: 54 kD; Observed band size: 55 kD)



IHC (Immunohistochemistry)



WB (Western Blot)

Western blot analysis of GLUT1 expression in HepG2 (A), NIH3T3 (B) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-SLC2A1 antibody	Rabbit polyclonal antibody to GLUT1
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NCBI AND UNIPROT INFORMATION

NCBI GI #	166795299
NCBI GeneID	6513
NCBI Accession #	NP_006507.2
NCBI GenBank Nucleotide #	NM_006516.2
UniProt Accession #	P11166; O75535; Q147X2; A8K9S6; B2R620; D3DPX0
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://stage.aaabiotech.com/polyclonal/glut1-antibody-immunohistochemistry-western-blot-elisa/104382>