

Rabbit SLC2A4 Polyclonal Antibody | anti-SLC2A4 antibody

SLC2A4 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199310	Rabbit	Cow, Dog, Goat, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish	Western Blot

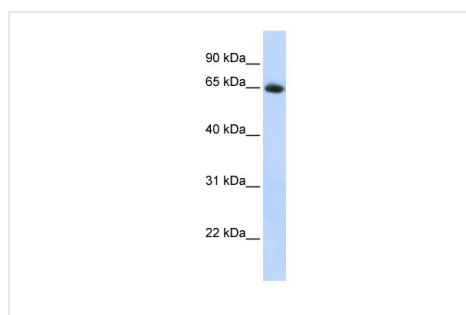
PRODUCT SYNONYMS

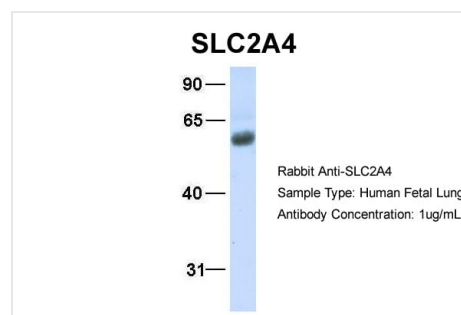
SLC2A4; Polyclonal Antibody; SLC2A4 antibody - N-terminal region; anti-SLC2A4 antibody

PRODUCT SPECIFICATIONS

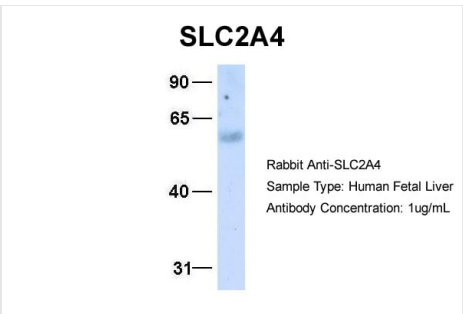
Host	Rabbit
Reactivity	Cow, Dog, Goat, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: LQ FGYNIGVINA PQKVIEQSYN ETWLGRQGPE GPSSIPPGTL TTLWALSV
Sequence Length	509
Applicable Applications for anti-SLC2A4 antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Goat: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 93%; Rabbit: 100%; Rat: 100%; Zebrafish: 79%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human SLC2A4
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

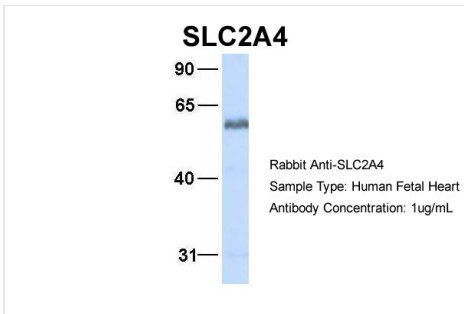
WB Suggested Anti-SLC2A4 Antibody Titration: 0.2-1 ug/mL
ELISA Titer: 1:312500
Positive Control: HepG2 cell lysate

WB (Western Blot)

Host: Rabbit
Target Name: SLC2A4
Sample Type: Human Fetal Lung
Antibody Dilution: 1.0ug/mL



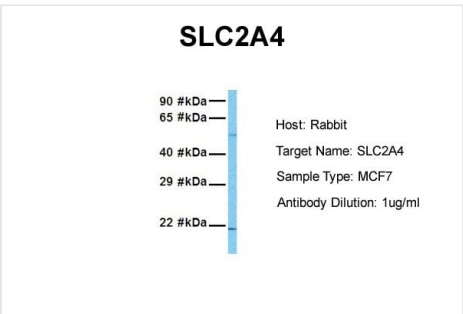
WB (Western Blot)

Host: RabbitTarget Name: SLC2A4Sample Type: Human Fetal LiverAntibody Dilution: 1.0ug/ml



WB (Western Blot)

Host: RabbitTarget Name: SLC2A4Sample Type: Human Fetal HeartAntibody Dilution: 1.0ug/ml



WB (Western Blot)

Host: RabbitTarget Name: SLC2A4Sample Tissue: Human MCF7Antibody Dilution: 1.0ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-SLC2A4 antibody

This is a rabbit polyclonal antibody against SLC2A4. It was validated on Western Blot using a cell lysate as a positive control.

Target Description: SLC2A4 is a member of the solute carrier family 2 (facilitated glucose transporter) family and functions as an insulin-regulated facilitative glucose transporter. In the absence of insulin, this integral membrane protein is sequestered within the cells of muscle and adipose tissue. Within minutes of insulin stimulation, the protein moves to the cell surface and begins to transport glucose across the cell membrane. Mutations in this gene have been associated with noninsulin-dependent diabetes mellitus. This gene is a member of the solute carrier family 2 (facilitated glucose transporter) family and encodes a protein that functions as an insulin-regulated facilitative glucose transporter. In the absence of insulin, this integral membrane protein is sequestered within the cells of muscle and adipose tissue. Within minutes of insulin stimulation, the protein moves to the cell surface and begins to transport glucose across the cell membrane. Mutations in this gene have been associated with noninsulin-dependent diabetes mellitus (NIDDM). Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.

Product Categories/Family for anti-SLC2A4 antibody

[Polyclonal](#); [Membrane Protein](#); [Drugs and Drug Metabolism](#); [Disease Related](#); [Cell Differentiation](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507011
NCBI GeneID	6517
NCBI Accession #	NP_001033
NCBI GenBank Nucleotide #	NM_001042
UniProt Accession #	P14672
Molecular Weight	55kDa
NCBI Official Full Name	solute carrier family 2, facilitated glucose transporter member 4

NCBI Official Synonym Full Names	solute carrier family 2 member 4
NCBI Official Symbol	SLC2A4
NCBI Official Synonym Symbols	GLUT4
NCBI Protein Information	solute carrier family 2, facilitated glucose transporter member 4
UniProt Protein Name	Solute carrier family 2, facilitated glucose transporter member 4
UniProt Gene Name	SLC2A4
UniProt Synonym Gene Names	GLUT4; GLUT-4
UniProt Entry Name	GTR4_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/polyclonal/slc2a4-antibody-western-blot-elisa/199310>