

Rabbit SLC2A5 Polyclonal Antibody | anti-SLC2A5 antibody

SLC2A5 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199045	Rabbit	Predicted Reactivity: Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rat, Sheep (Tested Reactivity: Human Mouse)	Western Blot, Immunofluorescence

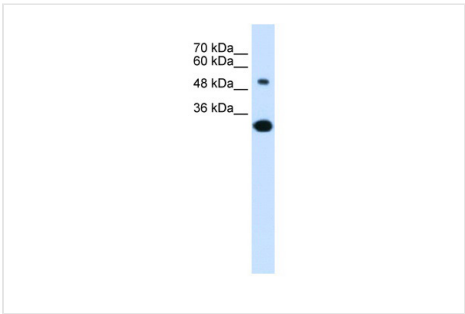
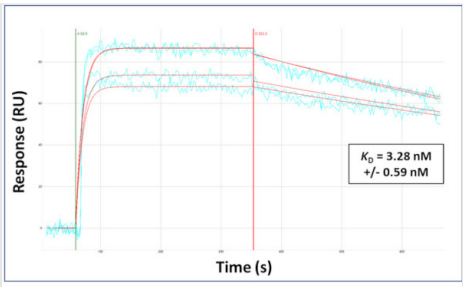
PRODUCT SYNONYMS

SLC2A5; Polyclonal Antibody; SLC2A5 Antibody; anti-SLC2A5 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Predicted Reactivity: Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rat, Sheep (Tested Reactivity: Human Mouse)
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.
Concentration	0.5 mg/ml (varies by lot)
Sequence	Synthetic peptide located within the following region: AD QIYLSAGVPE EHVQYVTAGT GAVNVVMTFC AVFVVELLGR RLLLLLGF
Sequence Length	501
Applicable Applications for anti-SLC2A5 antibody	WB (Western Blot), IF (Immunofluorescence)
Protein Size	501 amino acids
Protein Interactions	CCL5; RPSA
Replacement Item	This antibody may replace item sc-14841 from Santa Cruz Biotechnology.
Homology	Cow: 85%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rat: 100%; Sheep: 85%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human SLC2A5
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

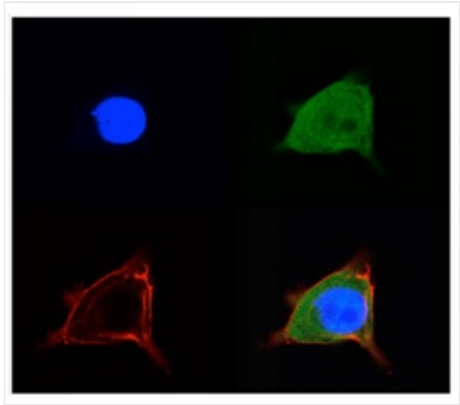


Application Data

Surface Plasmon Resonance Kinetic Characterization of Polyclonal Antibody Affinity. Purified polyclonal antibodies were immobilized on a Protein A/G coated Carterra LSA sensor chip (PAGH200M) at concentrations of 5, and 50 ug/mL in duplicate. Antibodies on the surface were exposed to interaction with peptides sequentially via microfluidic controlled flow at 333nM peptide concentration for kinetic characterization of the binders for affinity and specificity, followed by curve fitting using the Kinetics software. Kd determinations for both concentrations were averaged and results and standard deviation are shown.

WB (Western Blot)

WB Suggested Anti-SLC2A5 Antibody Titration: 0.2-1 ug/ml Positive Control: Jurkat cell lysate



IF (Immunofluorescence)

Sample Type: Mouse HEI-OCI Auditory HEI-OCI

ADDITIONAL INFORMATION

Related Product Information for anti-SLC2A5 antibody	This is a rabbit polyclonal antibody against SLC2A5. It was validated on Western Blot using a cell lysate as a positive control. Target Description: SLC2A5 is a cytochalasin B-sensitive carrier. It seems to function primarily as a fructose transporter.
Product Categories/Family for anti-SLC2A5 antibody	Polyclonal; Signal Proteins; Membrane Protein; Drugs and Drug Metabolism; Tissue Specific & Cell Marker

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507013
NCBI GeneID	6518
NCBI Accession #	NP_003030
NCBI GenBank Nucleotide #	NM_003039
UniProt Accession #	P22732
Molecular Weight	55kDa
NCBI Official Full Name	solute carrier family 2, facilitated glucose transporter member 5 isoform 1

NCBI Official Synonym Full Names	solute carrier family 2 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
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://www.aaabiotech.com/polyclonal/slc2a5-antibody-western-blot-immunofluorescence-elisa/199045>