

Cat. No:	ABN00424
Conjugate:	Unconjugated
Size:	100µL
Clone:	Polyclonal
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	The antiserum was produced against synthesized peptide derived from human SGLT-1. AA range:525-574
Reactivity:	Human,Mouse,Rat
Applications:	WB 1:500-1:1000,ELISA 1:5000-1:20000
Molecular Weight:	Calculated MW: 73 kDa; Observed MW: 73 kDa
Purification:	Affinity Chromatography
Synonyms:	SLC5A1; NAGT; SGLT1; Sodium/glucose cotransporter 1; Na(+)/glucose cotransporter 1; High affinity sodium-glucose cotransporter; Solute carrier family 5 member 1
Background:	Actively transports glucose into cells by Na ⁺ cotransport with a Na ⁺ to glucose coupling ratio of 2:1. Efficient substrate transport in mammalian kidney is provided by the concerted action of a low affinity high capacity and a high affinity low capacity Na ⁺ /glucose cotransporter arranged in series along kidney proximal tubules.
Form:	Liquid
Buffer:	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
Storage:	Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.

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