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<b>Product name:</b>	SGLT1 Rabbit Polyclonal Antibody
<b>Cat number:</b>	ABN00424
<b>Conjugate:</b>	Unconjugated
<b>Size:</b>	100µL
<b>Clone:</b>	Polyclonal
<b>Concentration:</b>	1mg/ml
<b>Host:</b>	Rabbit
<b>Isotype:</b>	IgG
<b>Immunogen:</b>	The antiserum was produced against synthesized peptide derived from human SGLT-1. AA range:525-574
<b>Reactivity:</b>	Human,Mouse,Rat
<b>Applications:</b>	WB 1:500-1:1000,ELISA 1:5000-1:20000
<b>Molecular Weight:</b>	Calculated MW: 73 kDa; Observed MW: 73 kDa
<b>Purification:</b>	Affinity Chromatography
<b>Form:</b>	Liquid
<b>Buffer:</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
<b>Storage:</b>	Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.
<b>Background:</b>	Actively transports glucose into cells by Na <sup>+</sup> cotransport with a Na <sup>+</sup> 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 <sup>+</sup> /glucose cotransporter arranged in series along kidney proximal tubules.