

产品名称: SGLT-2 Rabbit Polyclonal Antibody
产品货号: APRab17825



产品概述 (Summary)

产品名称 (Production Name)	SGLT-2 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC
种属反应性 (Reactivity)	Human,Mouse,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	SLC5A2
别名 (Alternative Names)	SLC5A2; SGLT2; Sodium/glucose cotransporter 2; Na(+)/glucose cotransporter 2; Low affinity sodium-glucose cotransporter; Solute carrier family 5 member 2
基因 ID (Gene ID)	6524.0
蛋白 ID (SwissProt ID)	P31639.The antiserum was produced against synthesized peptide derived from human SLC5A2. AA range:101-150

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:50-1:300
蛋白分子量 (Molecular Weight)	73kDa

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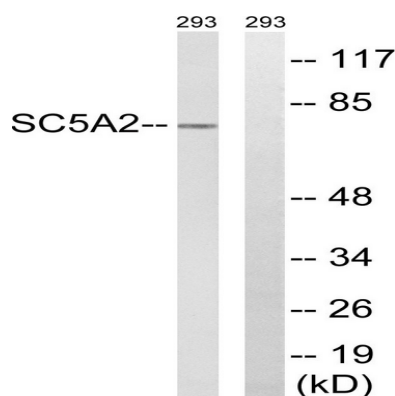
研究背景 (Background)

This gene encodes a member of the sodium glucose cotransporter family which are sodium-dependent glucose transport proteins. The encoded protein is the major cotransporter involved in glucose reabsorption in the kidney. Mutations in this gene are associated with renal glucosuria. Two transcript variants, one protein-coding and one not, have been found for this gene. [provided by RefSeq, Feb 2015],disease:Defects in SLC5A2 are the cause of renal glucosuria (GLYS1) [MIM:233100]. GLYS1 is an autosomal recessive disorder characterized by a normal fasting serum glucose concentration and persistent isolated glucosuria, with a normal glucose tolerance test.,function: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.,function:Sodium-dependent glucose transporter. Has a Na(+) to glucose coupling ratio of 1:1.,similarity:Belongs to the sodium:solute symporter (SSF) (TC 2.A.21) family.,

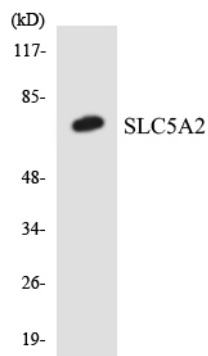
研究领域 (Research Area)

Signal Transduction; Metabolism; Plasma Membrane; Channels

图片 (Image Data)



Western blot analysis of lysates from 293 cells, using SLC5A2 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from Jurkat cells using SLC5A2 antibody.

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注意事项 (Note)

For research use only .