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Sorbitol Dehydrogenase Rabbit pAb

货号: AYP23841

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	IF/ICC
推荐浓度	**IF/ICC:** 1:50 - 1:200
理论分子量	10kDa/38kDa
实测分子量	10kDa/38kDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	HeLa cells, rat liver tissue, human kidney tissue
细胞定位	cytosol,extracellular exosome,extracellular space,mitochondrial membrane
纯化	Affinity purification

抗原信息

抗原信息	A synthetic peptide corresponding to a sequence within amino acids 100-200 of human Sorbitol Dehydro genase (NP_003095.2).

靶点信息

研究背景	Sorbitol dehydrogenase (SORD; EC 1.1.1.14) catalyzes the interconversion of polyols and their corresponding ketoses, and together with aldose reductase (ALDR1; MIM 103880), makes up the sorbitol pathway that is believed to play an important role in the development of diabetic complications (summarized by Carr and Markham, 1995 [PubMed 8535074]). The first reaction of the pathway (also called the polyol pathway) is the reduction of glucose to sorbitol by ALDR1 with NADPH as the cofactor. SORD then oxidizes the sorbitol to fructose using NAD(+) cofactor.
基因ID	6652
基因名	SORD
Swiss	Q00796 (https://www.uniprot.org/uniprotkb/Q00796/entry)
别名	SORD,HEL-S-95n,SORD1,Sorbitol Dehydrogenase Rabbit pAb,(R,R)-butanediol dehydrogenase,L-iditol 2-dehydrogenase,Polyol dehydrogenase,Ribitol dehydrogenase,Xylitol dehydrogenase

产品验证

实验步骤

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