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PFKFB3 Rabbit mAb

货号: AAY1851

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC IF IP ELISA
推荐浓度	**IHC:** 1:200-1:1000 **WB:** 1:2000-1:10000 **IF:** 1:200-1:1000 **ELISA:** 1:5000-1:20000 **IP:** 1:50-1:200
理论分子量	60kD
实测分子量	60kD
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.853.
偶联物	Unconjugated
阳性对照	HeLa,HCT116,Mouse brain,Rat brain
细胞定位	cytosol,nucleoplasm
纯化	亲和纯化

抗原信息

抗原信息	

靶点信息

研究背景	The protein encoded by this gene belongs to a family of bifunctional proteins that are involved in both the synthesis and degradation of fructose-2,6-bisphosphate, a regulatory molecule that controls glycolysis in eukaryotes. The encoded protein has a 6-phosphofructo-2-kinase activity that catalyzes the synthesis of fructose-2,6-bisphosphate (F2,6BP), and a fructose-2,6-biphosphatase activity that catalyzes the degradation of F2,6BP. This protein is required for cell cycle progression and prevention of apoptosis. It functions as a regulator of cyclin-dependent kinase 1, linking glucose metabolism to cell proliferation and survival in tumor cells. Several alternatively spliced transcript variants encoding different isoforms have been found for this gene.
基因ID	5209
基因名	PFKFB3;6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase 3 (6PF-2-K/Fru-2,6-P2ase 3) (PFK/FBPase 3) (6PF-2-K/Fru-2,6-P2ase brain/placenta-type isozyme) (Renal carcinoma antigen NY-REN-56) (iPFK-2) [Includes: 6-phosphofructo-2-kinase (EC 2.7.1.105); Fructose-2,6-bisphosphatase (EC 3.1.3.46)];6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase 3;6PF-2-K/Fru-2,6-P2ase 3;PFK/FBPase 3;6PF-2-K/Fru-2,6-P2ase brain/placenta-type isozyme;Renal carcinoma antigen NY-REN-56;iPFK-2;[Includes: 6-phosphofr
Swiss	Q16875 (https://www.uniprot.org/uniprotkb/Q16875/entry)
别名	PFKFB3,6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase 3 (6PF-2-K/Fru-2,6-P2ase 3) (PFK/FBPase 3) (6PF-2-K/Fru-2,6-P2ase brain/placenta-type isozyme) (Renal carcinoma antigen NY-REN-56) (iPFK-2) [Includes: 6-phosphofructo-2-kinase (EC 2.7.1.105),Fructose-2,6-bisphosphatase (EC 3.1.3.46)],6-bisphosphatase 3,6PF-2-K/Fru-2,6-P2ase 3,PFK/FBPase 3,6-P2ase brain/placenta-type isozyme,Renal carcinoma antigen NY-REN-56,iPFK-2,[Includes: 6-phosphofructo-2-kinase,6-bisphosphatase,],Fru

产品验证

实验步骤

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