

产品名称: PFK-C Rabbit Polyclonal Antibody
产品货号: AP Rab16016



产品概述 (Summary)

产品名称 (Production Name)	PFK-C Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,ELISA
种属反应性 (Reactivity)	Human,Mouse,Rat,Monkey

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)	PFKP PFKP; PFKF; 6-phosphofructokinase type C; 6-phosphofructokinase; platelet type; Phosphofructo-1-kinase isozyme C; PFK-C; Phosphofructokinase 1; Phosphohexokinase
别名 (Alternative Names)	
基因 ID (Gene ID)	5214.0
蛋白 ID (SwissProt ID)	Q01813.The antiserum was produced against synthesized peptide derived from human K6PP. AA range:341-390

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:200-1:1000,ELISA 1:5000-1:10000
蛋白分子量 (Molecular Weight)	84kDa

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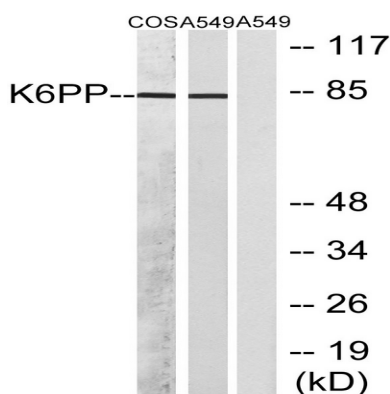
研究背景 (Background)

This gene encodes a member of the phosphofructokinase A protein family. The encoded enzyme is the platelet-specific isoform of phosphofructokinase and plays a key role in glycolysis regulation. This gene may play a role in metabolic reprogramming in some cancers, including clear cell renal cell carcinomas, and cancer of the bladder, breast, and lung. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2016], catalytic activity: ATP + D-fructose 6-phosphate = ADP + D-fructose 1,6-bisphosphate., cofactor: Magnesium., enzyme regulation: Allosteric enzyme activated by ADP, AMP, or fructose bisphosphate and inhibited by ATP or citrate., miscellaneous: In human PFK exists as a system of 3 types of subunits, PFKM (muscle), PFKL (liver) and PFKP (platelet) isoenzymes., pathway: Carbohydrate degradation; glycolysis; D-glyceraldehyde 3-phosphate and glycero phosphate from D-glucose: step 3/4., similarity: Belongs to the phosphofructokinase family. Two domains subfamily., subunit: Tetramer. Muscle is M4, liver is L4, and red cell is M3L, M2L2, or ML3. A subunit composition with a higher proportion of platelet type subunits is found in platelets, brain and fibroblasts.,

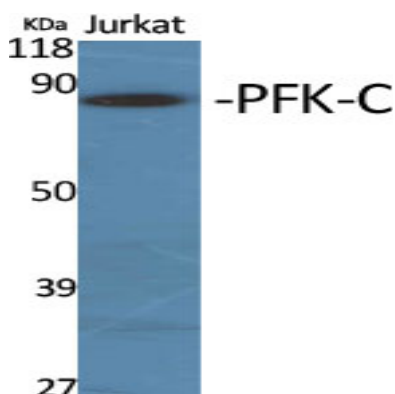
研究领域 (Research Area)

Glycolysis / Gluconeogenesis; Pentose phosphate pathway; Fructose and mannose metabolism; Galactose metabolism;

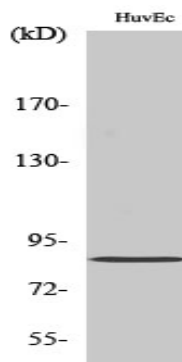
图片 (Image Data)



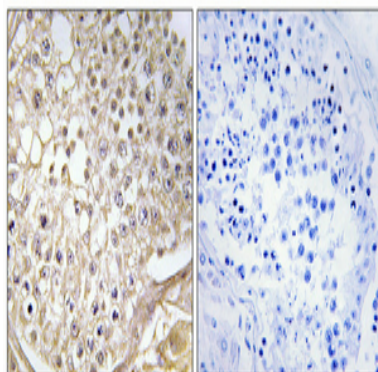
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Western Blot analysis of various cells using PFK-C Polyclonal Antibody



Western Blot analysis of HuvEc cells using PFK-C Polyclonal Antibody



Immunohistochemical analysis of paraffin-embedded Human testis. Antibody was diluted at 1:100 (4°, overnight) . High-pressure and temperature Tris-EDTA, pH 8.0 was used for antigen retrieval. Negative control (right) obtained from antibody was pre-absorbed by immunogen peptide.

注意事项 (Note)

For research use only .