

产品名称: PFK-B Rabbit Polyclonal Antibody
产品货号: APRab16015



产品概述 (Summary)

产品名称 (Production Name)	PFK-B 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

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)	PFKL
别名 (Alternative Names)	PFKL; 6-phosphofructokinase; liver type; Phosphofructo-1-kinase isozyme B; PFK-B; Phosphofructokinase 1; Phosphohexokinase
基因 ID (Gene ID)	5211.0
蛋白 ID (SwissProt ID)	P17858.The antiserum was produced against synthesized peptide derived from human K6PL. AA range:691-740

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:10000-1:20000
蛋白分子量 (Molecular Weight)	85kDa

产品名称: PFK-B Rabbit Polyclonal Antibody
产品货号: APRab16015



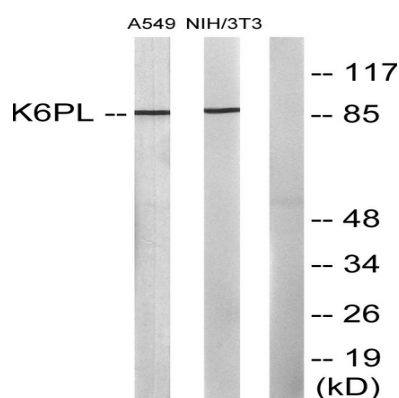
研究背景 (Background)

This gene encodes the liver (L) subunit of an enzyme that catalyzes the conversion of D-fructose 6-phosphate to D-fructose 1,6-bisphosphate, which is a key step in glucose metabolism (glycolysis). This enzyme is a tetramer that may be composed of different subunits encoded by distinct genes in different tissues. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2014], 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 glycerone 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,

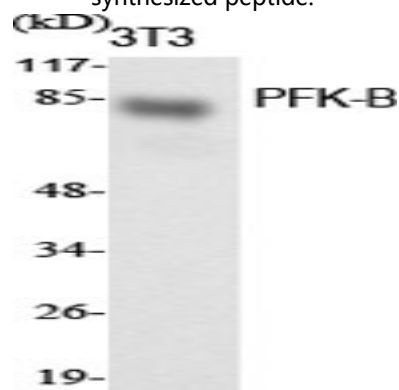
研究领域 (Research Area)

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

图片 (Image Data)

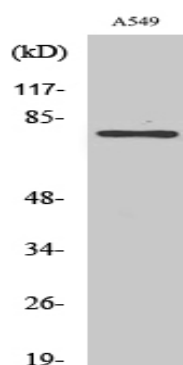


Western blot analysis of lysates from A549 and NIH/3T3 cells, using K6PL Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using PFK-B Polyclonal Antibody diluted at 1: 1000

产品名称: PFK-B Rabbit Polyclonal Antibody
产品货号: APRab16015



Western Blot analysis of NIH-3T3 cells using PFK-B Polyclonal Antibody diluted at 1: 1000

注意事项 (Note)

For research use only .