

产品名称: PDK2 Rabbit Polyclonal Antibody
产品货号: APRab15919



产品概述 (Summary)

产品名称 (Production Name)	PDK2 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)	PDK2
别名 (Alternative Names)	PDK2; PDHK2; [Pyruvate dehydrogenase [lipoamide]] kinase isozyme 2; mitochondrial; Pyruvate dehydrogenase kinase isoform 2
基因 ID (Gene ID)	5164.0
蛋白 ID (SwissProt ID)	Q15119.The antiserum was produced against synthesized peptide derived from human PDK2. AA range:260-309

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)	46kDa

产品名称: PDK2 Rabbit Polyclonal Antibody
产品货号: AP Rab15919



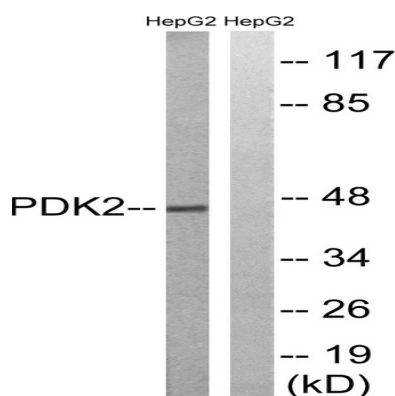
研究背景 (Background)

This gene encodes a member of the pyruvate dehydrogenase kinase family. The encoded protein phosphorylates pyruvate dehydrogenase, down-regulating the activity of the mitochondrial pyruvate dehydrogenase complex. Overexpression of this gene may play a role in both cancer and diabetes. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Dec 2010], catalytic activity: ATP + [pyruvate dehydrogenase (acetyl-transferring)] = ADP + [pyruvate dehydrogenase (acetyl-transferring)] phosphate, function: Inhibits the mitochondrial pyruvate dehydrogenase complex by phosphorylation of the E1 alpha subunit, thus contributing to the regulation of glucose metabolism, similarity: Belongs to the PDK/BCKDK protein kinase family, similarity: Contains 1 histidine kinase domain, tissue specificity: Expressed in many tissues, with the highest level in heart and skeletal muscle, intermediate levels in brain, kidney, pancreas and liver, and low levels in placenta and lung,.

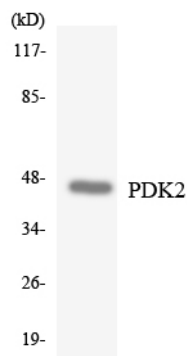
研究领域 (Research Area)

Signal Transduction

图片 (Image Data)

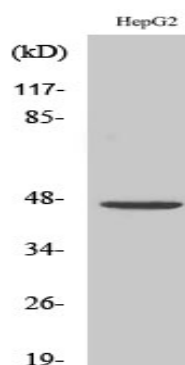


Western blot analysis of lysates from HepG2 cells, using PDK2 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HepG2 cells using PDK2 antibody.

产品名称: PDK2 Rabbit Polyclonal Antibody
产品货号: APRab15919



Western Blot analysis of various cells using PDK2 Polyclonal Antibody diluted at 1 : 500

注意事项 (Note)

For research use only .