

产品名称: PDP2 Rabbit Polyclonal Antibody
产品货号: AP Rab15930



产品概述 (Summary)

产品名称 (Production Name)	PDP2 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ELISA
种属反应性 (Reactivity)	Human,Rat,Mouse

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)	PDP2 PDP2; KIAA1348; [Pyruvate dehydrogenase [acetyl-transferring]]-phosphatase
别名 (Alternative Names)	2, mitochondrial; PDP 2; Pyruvate dehydrogenase phosphatase catalytic subunit 2; PDPC 2
基因 ID (Gene ID)	57546.0
蛋白 ID (SwissProt ID)	Q9P2J9.Synthesized peptide derived from PDP2 . at AA range: 70-150

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:50-1:300,ELISA 1:2000-1:20000
蛋白分子量 (Molecular Weight)	59kDa

产品名称: PDP2 Rabbit Polyclonal Antibody
产品货号: APRab15930



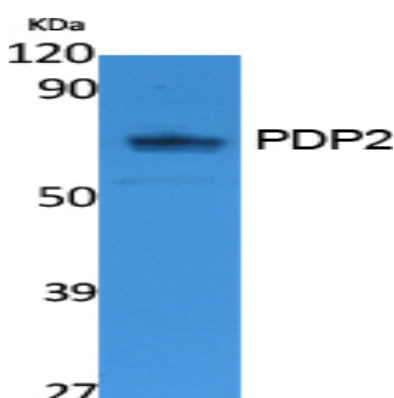
研究背景 (Background)

This gene is a mitochondrial protein that functions as a phosphatase and is involved in the enzymatic resetting of the pyruvate dehydrogenase complex. Alternative splicing results in multiple transcript variants encoding the same protein. [provided by RefSeq, Aug 2016], catalytic activity: [Pyruvate dehydrogenase (acetyl-transferring)] phosphate + H₂O = [pyruvate dehydrogenase (acetyl-transferring)] + phosphate., cofactor: Binds 2 magnesium ions per subunit., function: Catalyzes the dephosphorylation and concomitant reactivation of the alpha subunit of the E1 component of the pyruvate dehydrogenase complex., similarity: Belongs to the PP2C family., subunit: Heterodimer of a catalytic subunit and a FAD protein of unknown function.,

研究领域 (Research Area)

Tags & Cell Markers; Subcellular Markers; Organelles; Mitochondria; Signal Transduction; Metabolism; Energy Metabolism; Pathways and Processes; Mitochondrial Metabolism; Mitochondrial markers; Metabolic signaling pathways; Energy transfer pathways

图片 (Image Data)



Western Blot analysis of extracts from K562 cells, using PDP2 Polyclonal Antibody.. Secondary antibody was diluted at 1:20000

注意事项 (Note)

For research use only .