

产品名称: PPR3D Rabbit Polyclonal Antibody
产品货号: APRab16439



产品概述 (Summary)

产品名称 (Production Name)	PPR3D Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,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, 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)	PPP1R3D PPP1R6
别名 (Alternative Names)	
基因 ID (Gene ID)	5509.0
蛋白 ID (SwissProt ID)	O95685.Synthesized peptide derived from human protein . at AA range: 10-90

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	32kDa

研究背景 (Background)

Phosphorylation of serine and threonine residues in proteins is a crucial step in the regulation of many cellular functions ranging from hormonal regulation to cell division and even short-term memory. The level of phosphorylation is controlled

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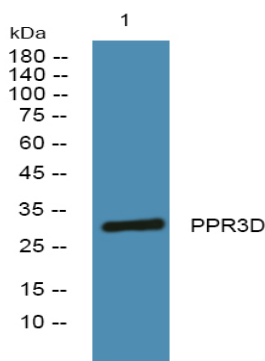


by the opposing actions of protein kinases and protein phosphatases. Protein phosphatase 1 (PP1) is 1 of 4 major serine/threonine-specific protein phosphatases which have been identified in eukaryotic cells. PP1 associates with various regulatory subunits that dictate its subcellular localization and modulate its substrate specificity. Several subunits that target PP1 to glycogen have been identified. This gene encodes a glycogen-targeting subunit of PP1. [provided by RefSeq, Jul 2008],domain:The CBM21 domain is known to be involved in the localization to glycogen and is characteristic of some regulatory subunit of phosphatase complexes.,function:Seems to act as a glycogen-targeting subunit for PP1. PP1 is essential for cell division, and participates in the regulation of glycogen metabolism, muscle contractility and protein synthesis.,similarity:Contains 1 CBM21 (carbohydrate binding type-21) domain.,subunit:Interacts with PPP1CC catalytic subunit of PP1, and associates with glycogen.,tissue specificity:Expressed in all tissue tested. High expression in skeletal muscle and heart.,

研究领域 (Research Area)

Insulin_Receptor;

图片 (Image Data)



Western blot analysis of lysates from A431 cells, primary antibody was diluted at 1:1000, 4° over night

注意事项 (Note)

For research use only .