

产品名称: PPM1E Rabbit Polyclonal Antibody
产品货号: APRab16419



产品概述 (Summary)

产品名称 (Production Name)	PPM1E 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,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, 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)	PPM1E CAMKN KIAA1072 POPX1
别名 (Alternative Names)	
基因 ID (Gene ID)	
蛋白 ID (SwissProt ID)	Q8WY54.Synthesized peptide derived from human protein . at AA range: 460-540

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)	84kDa

研究背景 (Background)

This gene encodes a member of the PPM family of serine/threonine-protein phosphatases. The encoded protein is localized

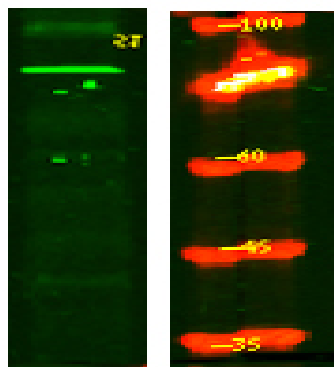
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to the nucleus and dephosphorylates and inactivates multiple substrates including serine/threonine-protein kinase PAK 1, 5'-AMP-activated protein kinase (AMPK) and the multifunctional calcium/calmodulin-dependent protein kinases. Alternatively spliced transcript variants have been observed for this gene. [provided by RefSeq, May 2012], catalytic activity: A phosphoprotein + H₂O = a protein + phosphate, cofactor: Binds 2 magnesium or manganese ions per subunit, function: Protein phosphatase that inactivates multifunctional CaM kinases such as CAMK4 and CAMK2 (By similarity). Dephosphorylates and inactivates PAK. May play a role in the inhibition of actin fiber stress breakdown and in morphological changes driven by TNK2/CDC42, similarity: Belongs to the PP2C family, similarity: Contains 1 PP2C-like domain, subcellular location: A truncated form, major form, with the C-terminal part missing, is mostly found in the cytoplasm and a little in the nucleus. The full length, minor form, is found in the nucleus, subunit: Heterotrimer. Interacts with PAX1 and ARHGEF6 (or ARHGEF7),

研究领域 (Research Area)

Cytoskeleton / ECM; Cytoskeleton; Microfilaments; Actin etc; Actin; Signal Transduction; Protein Phosphorylation; Ser / Thr Phosphatases; Cell Biology; Cell Cycle; Kinases/Phosphatases; Phosphatases

图片 (Image Data)



Western Blot analysis of HeLa lysis, using primary antibody at 1:1000 dilution. Secondary antibody was diluted at 1:10000

注意事项 (Note)

For research use only .