

产品名称: InsP5 2-kinase Rabbit Polyclonal Antibody
产品货号: AP Rab12631



产品概述 (Summary)

产品名称 (Production Name)	InsP5 2-kinase 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)	IPPK
别名 (Alternative Names)	IPPK; C9orf12; Inositol-pentakisphosphate 2-kinase; IPK1 homolog; Inositol-1; 3,4,5,6-pentakisphosphate 2-kinase; Ins(1,3,4,5,6)P5 2-kinase; InsP5 2-kinase
基因 ID (Gene ID)	64768.0
蛋白 ID (SwissProt ID)	Q9H8X2.The antiserum was produced against synthesized peptide derived from human IPPK. AA range:11-60

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:200-1:1000,ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	56kDa

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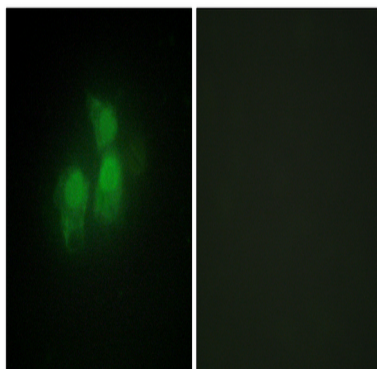
研究背景 (Background)

The protein encoded by this gene is a kinase that phosphorylates position 2 of inositol-1,3,4,5,6-pentakisphosphate to form inositol-1,2,3,4,5,6-hexakisphosphate (InsP6). InsP6 has a variety of functions, including stimulation of DNA repair, endocytosis, and mRNA export. [provided by RefSeq, Nov 2010], catalytic activity: ATP + 1D-myo-inositol 1,3,4,5,6-pentakisphosphate = ADP + 1D-myo-inositol hexakisphosphate., domain: The EXKPK motif is conserved in inositol-pentakisphosphate 2-kinases of both family 1 and 2., function: Phosphorylates Ins(1,3,4,5,6)P5 at position 2 to form Ins(1,2,3,4,5,6)P6 (InsP6 or phytate). InsP6 is involved in many processes such as mRNA export, non-homologous end-joining, endocytosis, ion channel regulation. It also protects cells from TNF-alpha-induced apoptosis., similarity: Belongs to the IPK1 type 2 family., tissue specificity: Ubiquitously expressed, with high expression in heart, brain, testis and placenta.,

研究领域 (Research Area)

Inositol phosphate metabolism; Phosphatidylinositol signaling system;

图片 (Image Data)



Immunofluorescence analysis of HepG2 cells, using IPPK Antibody. The picture on the right is blocked with the synthesized peptide.

注意事项 (Note)

For research use only .