

产品名称: INPP5J Rabbit Polyclonal Antibody
产品货号: APRab12622



产品概述 (Summary)

产品名称 (Production Name)	INPP5J Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	IHC, ICC, IF, ELISA
种属反应性 (Reactivity)	Human, 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)	INPP5J
别名 (Alternative Names)	INPP5J; PIB5PA; PIPP; Phosphatidylinositol 4; 5-bisphosphate 5-phosphatase A; Inositol polyphosphate 5-phosphatase J
基因 ID (Gene ID)	27124.0
蛋白 ID (SwissProt ID)	Q15735.Synthesized peptide derived from INPP5J . at AA range: 850-930

产品应用 (Application)

稀释比 (Dilution Ratio)	IHC 1:100-1:300, ICC/IF 1:50-1:200, ELISA 1:20000-1:40000
蛋白分子量 (Molecular Weight)	

研究背景 (Background)

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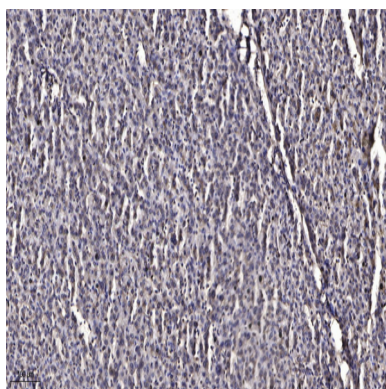


catalytic activity:1D-myo-inositol 1,3,4,5-tetrakisphosphate + H(2)O = 1D-myo-inositol 1,3,4-trisphosphate + phosphate.,catalytic activity:D-myo-inositol 1,4,5-trisphosphate + H(2)O = myo-inositol 1,4-bisphosphate + phosphate.,domain:The 5 Arg-Ser-Xaa-Ser-Xaa-Xaa (RSXSXX) motifs may constitute binding sites for the 14-3-3 protein.,function:Inositol 5-phosphatase, which converts inositol 1,4,5-trisphosphate to inositol 1,4-bisphosphate. Also converts phosphatidylinositol 4,5-bisphosphate to phosphatidylinositol 4-phosphate and inositol 1,3,4,5-tetrakisphosphate to inositol 1,3,4-trisphosphate in vitro. May be involved in modulation of the function of inositol and phosphatidylinositol polyphosphate-binding proteins that are present at membranes ruffles.,PTM:Phosphorylated at Ser/Thr residues.,similarity:Belongs to the inositol-1,4,5-trisphosphate 5-phosphatase type II family.,subcellular location:Predominantly localized to membrane ruffles.,catalytic activity:1D-myo-inositol 1,3,4,5-tetrakisphosphate + H(2)O = 1D-myo-inositol 1,3,4-trisphosphate + phosphate.,catalytic activity:D-myo-inositol 1,4,5-trisphosphate + H(2)O = myo-inositol 1,4-bisphosphate + phosphate.,domain:The 5 Arg-Ser-Xaa-Ser-Xaa-Xaa (RSXSXX) motifs may constitute binding sites for the 14-3-3 protein.,function:Inositol 5-phosphatase, which converts inositol 1,4,5-trisphosphate to inositol 1,4-bisphosphate. Also converts phosphatidylinositol 4,5-bisphosphate to phosphatidylinositol 4-phosphate and inositol 1,3,4,5-tetrakisphosphate to inositol 1,3,4-trisphosphate in vitro. May be involved in modulation of the function of inositol and phosphatidylinositol polyphosphate-binding proteins that are present at membranes ruffles.,PTM:Phosphorylated at Ser/Thr residues.,similarity:Belongs to the inositol-1,4,5-trisphosphate 5-phosphatase type II family.,subcellular location:Predominantly localized to membrane ruffles.,

研究领域 (Research Area)

Inositol phosphate metabolism;Phosphatidylinositol signaling system;

图片 (Image Data)



Immunohistochemical analysis of paraffin-embedded human liver cancer. 1, Antibody was diluted at 1:200 (4° overnight) .
2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200 (room temperature, 45min) .

注意事项 (Note)

For research use only .