

## IPPK 蛋白抗体

产品货号： mlR16687

英文名称： IPPK

中文名称： IPPK 蛋白抗体

别名： 6)P5 2-kinase; 6-pentakisphosphate 2-kinase; bA476B13.1 (novel protein); C9orf12; inositol 1,3,4,5,6 pentakisphosphate 2 kinase; Inositol pentakisphosphate 2 kinase; Inositol-1; Inositol-pentakisphosphate 2-kinase; Ins; Ins(1; InsP5 2 kinase; InsP5 2-kinase; INSP5K2; IPK1 homolog; IPPK; IPPK\_HUMAN.

研究领域： 细胞生物 信号转导 激酶和磷酸酶

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Cow, Sheep,

产品应用： ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 ICC=1:100-500 IF=1:100-500 （石蜡切片需

做抗原修复)

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

分 子 量 : 56kDa

细胞定位 : 细胞核 细胞浆

性 状 : Lyophilized or Liquid

浓 度 : 1mg/ml

免 疫 原 : KLH conjugated synthetic peptide derived from human IPPK:351-450/491

亚 型 : IgG

纯化方法 : affinity purified by Protein A

储 存 液 : 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

保存条件 : Store at -20 ° C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20° C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 ° C.

**PubMed :** PubMed

**产品介绍 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]

**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.

**Subcellular Location:**

Cytoplasm. Nucleus.

**Tissue Specificity:**

Ubiquitously expressed, with high expression in heart, brain, testis and placenta.

**Similarity:**

Belongs to the IPK1 type 2 family.

**SWISS:**

Q9H8X2

**Gene ID:**

64768

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.