

产品名称: PSK-H1 Rabbit Polyclonal Antibody  
产品货号: APRab16604



## 产品概述 (Summary)

|                        |                                   |
|------------------------|-----------------------------------|
| 产品名称 (Production Name) | PSK-H1 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                       |

## 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)        | PSKH1                                                                                                    |
| 别名 (Alternative Names) | PSKH1; Serine/threonine-protein kinase H1; Protein serine kinase H1; PSK-H1                              |
| 基因 ID (Gene ID)        | 5681.0                                                                                                   |
| 蛋白 ID (SwissProt ID)   | P11801.The antiserum was produced against synthesized peptide derived from human KPSH1. AA range:261-310 |

## 产品应用 (Application)

|                          |                                                                         |
|--------------------------|-------------------------------------------------------------------------|
| 稀释比 (Dilution Ratio)     | WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:10000-1:20000 |
| 蛋白分子量 (Molecular Weight) | 48kDa                                                                   |

## 研究背景 (Background)

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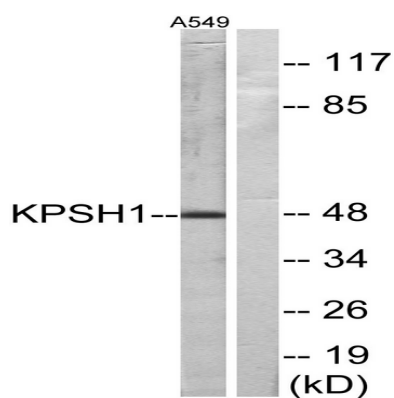


catalytic activity:ATP + a protein = ADP + a phosphoprotein.,enzyme regulation:Activity depends on Ca(2+) concentration.,function:May be a SFC-associated serine kinase (splicing factor compartment-associated serine kinase) with a role in intranuclear SR protein (non-snRNP splicing factors containing a serine/arginine-rich domain) trafficking and pre-mRNA processing.,PTM:Autophosphorylated on serine residues.,PTM:Myristoylated. Required for membrane association. Prerequisite for palmitoylation to occur.,PTM:Palmitoylated.,similarity:Belongs to the protein kinase superfamily. CAMK Ser/Thr protein kinase family.,similarity:Contains 1 protein kinase domain.,subcellular location:Localized in the Brefeldin A-sensitive Golgi compartment, at centrosomes, in the nucleus with a somewhat speckle-like presence, membrane-associated to the endoplasmic reticulum (ER) and the plasma membrane (PM), and more diffusely in the cytoplasm. Found to concentrate in splicing factor compartments (SFCs) within the nucleus of interphase cells. The acylation-negative form may be only cytoplasmic and nuclear. Acylation seems to allow the sequestering to the intracellular membranes. Myristoylation may mediate targeting to the intracellular non-Golgi membranes and palmitoylation may mediate the targeting to the Golgi membranes. Dual acylation is required to stabilize the interaction with Golgi membranes.,subunit:Homodimer.,tissue specificity:Expressed in all tissues and cell lines tested with the highest level of abundance in testis.,catalytic activity:ATP + a protein = ADP + a phosphoprotein.,enzyme regulation:Activity depends on Ca(2+) concentration.,function:May be a SFC-associated serine kinase (splicing factor compartment-associated serine kinase) with a role in intranuclear SR protein (non-snRNP splicing factors containing a serine/arginine-rich domain) trafficking and pre-mRNA processing.,PTM:Autophosphorylated on serine residues.,PTM:Myristoylated. Required for membrane association. Prerequisite for palmitoylation to occur.,PTM:Palmitoylated.,similarity:Belongs to the protein kinase superfamily. CAMK Ser/Thr protein kinase family.,similarity:Contains 1 protein kinase domain.,subcellular location:Localized in the Brefeldin A-sensitive Golgi compartment, at centrosomes, in the nucleus with a somewhat speckle-like presence, membrane-associated to the endoplasmic reticulum (ER) and the plasma membrane (PM), and more diffusely in the cytoplasm. Found to concentrate in splicing factor compartments (SFCs) within the nucleus of interphase cells. The acylation-negative form may be only cytoplasmic and nuclear. Acylation seems to allow the sequestering to the intracellular membranes. Myristoylation may mediate targeting to the intracellular non-Golgi membranes and palmitoylation may mediate the targeting to the Golgi membranes. Dual acylation is required to stabilize the interaction with Golgi membranes.,subunit:Homodimer.,tissue specificity:Expressed in all tissues and cell lines tested with the highest level of abundance in testis.,

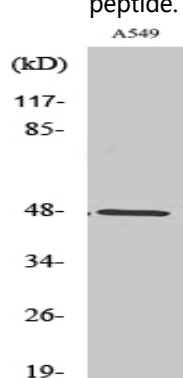
## 研究领域 (Research Area)

## 图片 (Image Data)

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Western blot analysis of lysates from A549 cells, using KPSH1 Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using PSK-H1 Polyclonal Antibody

### 注意事项 (Note)

For research use only .