

丝氨酸/苏氨酸蛋白激酶 39 抗体

产品货号： mlR2971

英文名称： STK39

中文名称： 丝氨酸/苏氨酸蛋白激酶 39 抗体

别名： PASK; Proline alanine rich STE20 related kinase; Serine threonine kinase 39 (STE20/SPS1 homolog yeast); Serine threonine kinase 39; Serine/threonine protein kinase 39; Serine/threonine-protein kinase 39; Small intestine SPAK like kinase; SPAK; Ste 20 related kinase; Ste-20-related kinase; Ste20 like protein kinase; STE20/SPS1 homolog; STE20/SPS1 related proline alanine rich protein kinase; STE20/SPS1-related proline-alanine-rich protein kinase; STK 39; Stk39; STK39_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, Dog, Pig, Cow, Horse, Rabbit,

产品应用： WB=1:500-2000 ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 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：60kDa

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 PASK/STK39:201-330/545

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 phosphorylation and dephosphorylation of proteins on serine and threonine residues is an essential means of regulating a broad range of cellular functions in eukaryotes, including cell division, homeostasis and apoptosis. A group of proteins that are intimately involved in this process are the serine/threonine (Ser/Thr) protein kinases. SPAK, also known as STK39 (serine threonine kinase 39), DCHT or PASK, is a 547 amino acid protein that localizes to both the cytoplasm and the nucleus and contains one protein kinase domain. Expressed predominately in pancreas, brain, heart, lung, liver and testis, SPAK functions as a Ser/Thr protein kinase that catalyzes the ATP-dependent phosphorylation of target proteins and is thought to be involved in mediating stress-activated signals. The gene encoding SPAK maps to human chromosome 2, which houses over 1,400 genes and comprises nearly 8% of the human genome.

Function:

May act as a mediator of stress-activated signals.

Subcellular Location:

Cytoplasm. Nucleus. Nucleus when caspase-cleaved.

Tissue Specificity:

Predominantly expressed in brain and pancreas followed by heart, lung, kidney, skeletal muscle, liver, placenta and testis.

Similarity:

Belongs to the protein kinase superfamily.

STE Ser/Thr protein kinase family. STE20 subfamily.

Contains 1 protein kinase domain.

SWISS:

Q9UEW8

Gene ID:

27347

Important Note:

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

产品图片：

