

丝氨酸苏氨酸激酶 25 抗体

产品货号： mlR8330

英文名称： STK25

中文名称： 丝氨酸/苏氨酸激酶 25 抗体

别名： Serine/threonine kinase 25; Serine/threonine kinase 25 (STE20 homolog, yeast); Serine/threonine kinase 25 (STE20 homolog, yeast), isoform CRA_a; Serine/threonine kinase 25 (yeast); Serine/threonine protein kinase 25; Serine/threonine-protein kinase 25; SOK-1; SOK1; Ste20 like kinase; Ste20 yeast homolog; Ste20-like; STE20-like kinase; Ste20/oxidant stress response kinase 1; Sterile 20 (oxidant stress response kinase 1); Sterile 20/oxidant stress-response kinase 1; STK25; STK25_HUMAN; Yeast Sps1/Ste20 related kinase 1; YSK1; C86992.

研究领域： 细胞生物 发育生物学 神经生物学 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, Pig, Cow, Horse, Sheep,

产品应用： WB=1:500-2000 ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 IF=1:50-200 （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 : 48kDa

细胞定位 : 细胞浆

性 状 : Lyophilized or Liquid

浓 度 : 1mg/ml

免 疫 原 : KLH conjugated synthetic peptide derived from human STK25/YSK1:221-320/426

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： Oxidant stress-activated serine/threonine kinase that may play a role in the response to environmental stress. Targets to the Golgi apparatus where it appears to regulate protein transport events, cell adhesion, and polarity complexes important for cell migration.

Several mammalian kinases have been identified which exhibit sequence similarity to the *Saccharomyces cerevisiae* serine/threonine kinase STE20. STE20 is involved in relaying signals from G-protein coupled receptors, and it lies upstream of a MAP kinase kinase kinase. Mammalian STE20-like kinases include YSK1, KHS, GLK, NIK, HPK1, Krs-1, Krs-2 and GC kinase. YSK1 (yeast SPS/STE20-related kinase 1) is expressed in a wide variety of cell types and tissues and has been shown to have kinase activity. Unlike many of the other STE20-like kinases, however, overexpression of YSK1 does not lead to activation of the SAPK/JNK pathway.

Function:

Oxidant stress-activated serine/threonine kinase that may play a role in the response to environmental stress. Targets to the Golgi apparatus where it appears to regulate protein transport events, cell adhesion, and polarity complexes important for cell migration.

Subunit:

Homodimer.

Subcellular Location:

Cytoplasm. Golgi apparatus. Localizes to the Golgi apparatus.

Tissue Specificity:

Ubiquitously expressed. Highest levels are found in testis, large intestine, brain and stomach followed by heart and lung.

Post-translational modifications:

Phosphorylated upon DNA damage, probably by ATM or ATR.

Similarity:

Belongs to the protein kinase superfamily. STE Ser/Thr protein kinase family. STE20 subfamily.

Contains 1 protein kinase domain.

SWISS:

O00506

Gene ID:

10494

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

