

酪蛋白激酶 casein kinase I α 抗体

产品货号 : mlR12427

英文名称 : Caseine Kinase 1 alpha

中文名称 : 酪蛋白激酶 casein kinase I α 抗体

别名 : Casein kinase 1 alpha 1; Casein kinase I isoform alpha; CK1; CK1A; CKI alpha; CKI-alpha; CKI α ; Clock regulator kinase; Csnk1a1; Down regulated in lung cancer; HLCDGP1; KC1A_HUMAN; PRO2975.

研究领域 : 肿瘤 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, Horse, Rabbit, Sheep,

产品应用 : WB=1:500-2000 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 : 39kDa

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 CK1A/Caseine Kinase 1 alpha:221-337/337

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： Casein kinases are operationally defined by their preferential utilization of acidic proteins such as caseins as substrates. It can phosphorylate a large number of proteins. Participates in Wnt signaling. Phosphorylates CTNNB1 at 'Ser-45'. May play a role in segregating chromosomes during mitosis.

Function:

Casein kinases are operationally defined by their preferential utilization of acidic proteins such as caseins as substrates. It can phosphorylate a large number of proteins. Participates in Wnt signaling. Phosphorylates CTNNB1 at 'Ser-45'. May play a role in segregating chromosomes during mitosis.

Subunit:

Monomer. Interacts with the Axin complex. Interacts with TUT1, leading to TUT1 phosphorylation.

Subcellular Location:

Cytoplasm. Cytoplasm, cytoskeleton, centrosome. Chromosome, centromere, kinetochore. Nucleus speckle.
Note=Localizes to the centrosome in interphase cells, and to kinetochore fibers during mitosis.

Similarity:

Belongs to the protein kinase superfamily. CK1 Ser/Thr protein kinase family.

Casein kinase I subfamily.

Contains 1 protein kinase domain.

SWISS:

P48729

Gene ID:

1452

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

