

丝苏氨酸蛋白激酶 II β 抗体(casein kinase II β)

产品货号： mlR21820

英文名称： CK II beta

中文名称： 丝/苏氨酸蛋白激酶 II β 抗体(casein kinase II β)

别名： Casein kinase 2 beta polypeptide; casein kinase II β ; Casein kinase II subunit beta; CK II beta; CK2B; CK2N; CSK2B; CSK2B_HUMAN; CSNK 2B; CSNK2B; G5A; MGC138222; MGC138224; Phosvitin; Protein G5a.

研究领域： 肿瘤 细胞生物 信号转导 干细胞 细胞周期蛋白 转录调节因子 激酶和磷酸酶

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Chicken, Pig, Cow, Horse, Rabbit, 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： 25kDa

细胞定位： 细胞核 细胞浆 细胞膜 细胞外基质 分泌型蛋白

性状： Lyophilized or Liquid

浓度： 1mg/ml

免疫原： KLH conjugated synthetic peptide derived from human CK II beta:121-215/215

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 : This gene encodes the beta subunit of casein kinase II, a ubiquitous protein kinase which regulates metabolic pathways, signal transduction, transcription, translation, and replication. The enzyme is composed of three subunits, alpha, alpha prime and beta, which form a tetrameric holoenzyme. The alpha and alpha prime subunits are catalytic, while the beta subunit serves regulatory functions. The enzyme localizes to the endoplasmic reticulum and the Golgi apparatus. [provided by RefSeq, Jul 2008].

Function:

Participates in Wnt signaling. Plays a complex role in regulating the basal catalytic activity of the alpha subunit.

Subunit:

Tetramer composed of an alpha subunit, an alpha' subunit and two beta subunits. The beta subunit dimerization is mediated by zinc ions. Interacts with TCTEX1D3 (By similarity). Interacts with CD163. Also component of a CK2-SPT16-SSRP1 complex composed of SSRP1, SUPT16H, CSNK2A1, CSNK2A2 and CSNK2B, the complex associating following UV irradiation. Interacts with MUSK; mediates phosphorylation of MUSK by CK2.

Post-translational modifications:

Phosphorylated by alpha subunit.

Similarity:

Belongs to the casein kinase 2 subunit beta family.

SWISS:

P67870

Gene ID:

1460

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

