CKII alpha(4E5)Rabbit Monoclonal Antibody

产品详情

产品货号	产品名称	储存条件	保质期
IM34259	CKII alpha(4E5)Rabbit Monoclonal Antibody	-20℃	1年

产品详情：

货号	IM34259
别名	Casein kinase 2 alpha 1 polypeptide;Casein kinase II alpha subunit;CK II alpha;CK2 alpha;CK2A1;CKIIalpha;CSNK2A1
产品名称	CKII alpha(4E5)Rabbit Monoclonal Antibody
纯度	Affinity-chromatography
类别	抗体产品
基因名称	CSNK2A1
蛋白名称	CK2A1
推荐应用	WB,FCM
反应种属	Human,Mouse,Rat
存储缓冲液	Supplied in 50mM Tris-Glycine(pH 7.4),0.15M NaCl,40%Glycerol,0.01% New type preservative N and 0.05% BSA.
Human Gene ID	1457
Human Swissprot No.	P68400
免疫原	A synthetic peptide of human CSNK2A1

稀释度	WB 1:1000, FCM 1:20-1:50
参考分子量	45kDa
预测分子量	45kDa
运输及保存条件	-20℃/1year
宿主	Rabbit
同种型	IgG
注意事项	CKII alpha Antibody is for research use only and not for use in diagnostic or therapeutic procedures.
组织表达	Expressed in gastric carcinoma tissue and the expression gradually increases with the progression of the carcinoma(at protein level)
细胞定位	Nucleus
功能	Catalytic subunit of a constitutively active serine/threonine-protein kinase complex that phosphorylates a large number of substrates containing acidic residues C-terminal to the phosphorylated serine or threonine (PubMed:11239457, PubMed:11704824,PubMed:16193064,PubMed:19188443,PubMed:20625391,PubMed:22406621,PubMed:24962073).Regulates numerous cellular processes,such as cell cycle progression,apoptosis and transcription,as well as viral infection(PubMed:12631575,PubMed:19387552,PubMed:19387551).May act as a regulatory node which integrates and coordinates numerous signals leading to an appropriate cellular response(PubMed:12631575,PubMed:19387552,PubMed:19387551).During mitosis,functions as a component of the p53/TP53-dependent spindle assembly checkpoint (SAC) that maintains cyclin-B CDK1 activity and G2 a

功能	rrest in response to spindledamage(PubMed:11704824,PubMed:19188443).Also required for p53/TP53-mediated apoptosis,phosphorylating 'Ser-392'of p53/TP53 following UV irradiation.Can also negatively regulate apoptosis(PubMed:11239457).Phosphorylates the caspases CASP9 and CASP2 and the apoptotic regulator NOL3 (PubMed:16193064).Phosphorylation protects CASP9 from cleavage and activation by CASP8,and inhibits the dimerization of CASP2 and activation of CASP8 (PubMed:16193064).Regulates transcription bydirect phosphorylation of RNA polymerases I,II,III and IV.Also phosphorylates and regulates numerous transcription factors including NF-kappa-B,STAT1,CREB1,IRF1,IRF2,ATF1,ATF4,SRF,MAX,JUN, FOS,MYC and MYB(PubMed:19387550,PubMed:12631575,PubMed:19387552,PubMed:19387551,PubMed:23123191).Phosphorylates Hsp90 and itscochaperones FKBP4 and CDC37,which is essential for chaperone function(PubMed:19387550).Mediates sequential phosphorylation of FNIP1,promoting its gradual interaction with Hsp90,leading toactivate both kinase and non-kinase client proteins of Hsp90 (PubMed:30699359).Regulates Wnt signaling by phosphorylating CTNNB1 and the transcription factor LEF1(PubMed:19387549). Acts as an ectokinase that phosphorylates several extracellular proteins (PubMed:19387550,PubMed:12631575,PubMed:19387552,PubMed:19387551).During viral infection,phosphorylates various proteins involved in the viral life cycles of EBV,HSV,HBV,HCV,HIV,CMV and HPV (PubMed:19387550,PubMed:12631575,PubMed:19387552,PubMed:19387551).Phosphorylates PML at'Ser-565'and primes it for ubiquitin-mediated degradation(PubMed:20625391,PubMed:22406621).Plays an important role in the circadian clock function by phosphorylating ARNTL/BMAL1 at'Ser- 90'which is pivotal for its interaction wi

	th CLOCK and which controls CLOCK nuclear entry(By similarity). Phosphorylates CCAR2 at'Thr-454'in gastric carcinoma tissue (PubMed:24962073).
Clonality	Monoclonal

注意事项：

1.本产品仅供科研使用。请勿用于医药、临床诊断或治疗，食品及化妆品等用途。请勿存放于普通住宅区。
2.为了您的安全和健康，请穿好实验服并佩戴一次性手套和口罩操作。
3.实验结果可由多种因素影响，相关处理只限于产品本身，不涉及其他赔偿。

免责声明：所有产品仅用作科学研究，不得用于其他用途！本公司将不为任何不正常使用此产品时所发生的意外负责。

北京伊事达科技有限公司
电话：13564444959
官网：www.followme-shop.com
地址：北京市海淀区东北旺西路58号尚科办公社区C区一楼

公众号　客 服