

cAMP Protein Kinase Catalytic subunit (17J9) Rabbit Monoclonal Antibody

Catalog# UZ-MA05020

Product information

产品货号	UZ-MA05020
别名	PKACA; PPNAD4
产品名称	cAMP Protein Kinase Catalytic subunit (17J9) Rabbit Monoclonal Antibody
类别	抗体产品
推荐应用	WB,IHC-P,IF-ICC,FCM,IP,IF-P
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.
免疫原	A synthetic peptide of human cAMP Protein Kinase Catalytic subunit
稀释度	WB 1:5000-1:50000, IHC-P/IF-P 1:200-1:500, IF-ICC 1:100-1:200, FCM 1:50-1:100, IP 1:50
参考分子量	41kDa
预测分子量	41kDa
运输及保存条件	-20°C/1 year
宿主	Rabbit
同种型	IgG
背景介绍	This gene encodes one of the catalytic subunits of protein kinase A, which exists as a tetrameric holoenzyme with two regulatory subunits and two catalytic subunits, in its inactive form. cAMP causes the dissociation of the inactive holoenzyme into a dimer of regulatory subunits bound to four cAMP and two free monomeric catalytic subunits. Four different regulatory subunits and three catalytic subunits have been identified in humans. cAMP-dependent phosphorylation of proteins by protein kinase A is important to many cellular processes, including differentiation, proliferation, and apoptosis. Constitutive activation of this gene caused either by somatic mutations, or genomic duplications of regions that include this gene, have been associated with hyperplasias and adenomas of the adrenal cortex and are linked to corticotropin-independent Cushing's syndrome. Alternative splicing results in multiple transcript variants encoding different isoforms. Tissue-specific isoforms that differ at the N-terminus have been described, and these isoforms may differ in the post-translational modifications that occur at the N-terminus of some isoforms. [provided by RefSeq, Jan 2015]
纯化	Affinity Purification
Uniprot ID	P17612
Clonality	Monoclonal