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cAMP Protein Kinase Catalytic subunit (YD20464) Rabbit mAb

货号: AYD14832

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC-P ICC/IF FC IP
推荐浓度	
理论分子量	41kDa
实测分子量	
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	293T,HeLa,C6
细胞定位	Cytoplasm, Cell membrane, Membrane, Nucleus, Mitochondrion, Cell projection, cilium, flagellum, Cytoplasmic vesicle, secretory vesicle, acrosome
纯化	亲和纯化

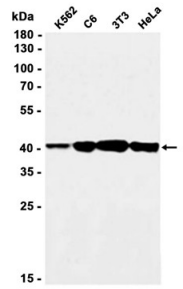
抗原信息

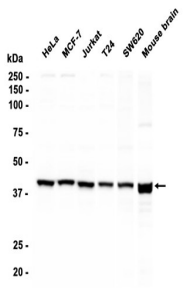
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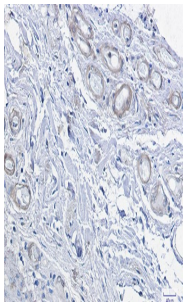
靶点信息

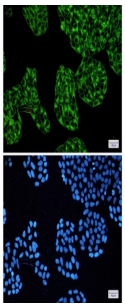
研究背景	This gene encodes one of the catalytic subunits of protein kinase A, which exists as a tetrameric holoenzyme with two regulatory subunits and two catalytic subunits, in its inactive form. cAMP causes the dissociation of the inactive holoenzyme into a dimer of regulatory subunits bound to four cAMP 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.
基因ID	5566
基因名	PRKACA
Swiss	P17612 (https://www.uniprot.org/uniprotkb/P17612/entry)
别名	cAMP Protein Kinase Catalytic subunit (YD20464),cAMP Protein Kinase Catalytic subunit (YD20464) Rabbit mAb,PRKACA,PKACA

产品验证









实验步骤

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