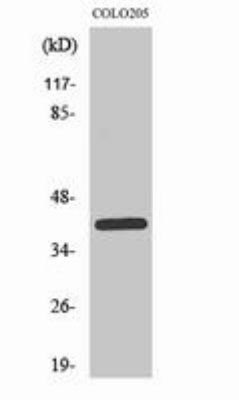
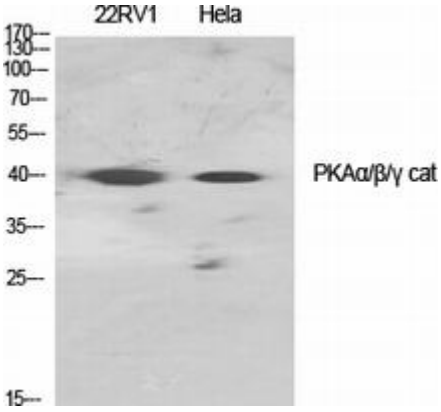
CAMP PROTEIN KINASE CATALYTIC SUBUNIT RABBIT PAB

货号: N225097
产品全名: cAMP Protein Kinase Catalytic Subunit 兔多抗
基因符号 PRKACA; PKACA; cAMP-dependent protein kinase catalytic subunit alpha; PKA C-alpha; PRKACB; cAMP-dependent protein kinase catalytic subunit beta; PKA C-beta
UNIPROT ID: P17612/P22694/P22612
背景: PRKACA (protein kinase cAMP-activated catalytic subunit alpha) 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.
抗原: The antiserum was produced against synthesized peptide derived from human PKA alpha/beta CAT. AA range:166-215
经过测试的应用: WB,IHC-F,IHC-P,ICC/IF,ELISA
推荐稀释比: WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200 ELISA: 1/10000
种属反应性: Rabbit
克隆性： Rabbit Polyclonal
分子量: Calculated MW: 40 kDa; Observed MW: 40 kDa
亚型: IgG
纯化: Affinity Purified
种属反应性: Human, Mouse and Rat
成分: PBS (without Mg2+ and Ca2+), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide
研究领域: Signal Transduction
储存和运输: Store at -20°C. Avoid repeated freezing and thawing



Western blot analysis of cAMP Protein Kinase Catalytic Subunit in COLO205 lysates using PKA???¤/????/???? cat antibody.



Western blot analysis of cAMP Protein Kinase Catalytic Subunit in various lysates using cAMP Protein Kinase Catalytic Subunit antibody.