

兔抗 PRKACA 多克隆抗体

中文名称: 兔抗 PRKACA 多克隆抗体

英文名称: Anti-PRKACA rabbit polyclonal antibody

别名: PKACA; PPNAD4

储存: 冷冻 (-20℃)

抗原: PRKACA

宿主: Rabbit

相关类别: 一抗

反应种属: Human, Mouse, Rat

标记物: Unconjugate

克隆类型: rabbit polyclonal

技术规格

Background:

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

	th 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.
Applications:	ELISA, WB, IHC
Name of antibody:	PRKACA
Immunogen:	Synthetic peptide of human PRKACA
Full name:	protein kinase cAMP-activated catalytic subunit alpha
Synonyms:	PKACA; PPNAD4
SwissProt:	P17612
ELISA Recommended dilution:	5000-10000
IHC positive control:	Human liver cancer and human brain
IHC Recommend dilution:	25-100
WB Predicted band size:	41 kDa
WB Positive control:	Human testis tissue lysate
WB Recommended dilution:	200-1000



