PRKAR2A (7S10) Rabbit Monoclonal Antibody

Catalog# HZ-YMA01357

Product information

产品货号	HZ-YMA01357
别名	PRKAR2A;PKR2;PRKAR2;cAMP-dependent protein kinase type II-alpha regulatory subunit
产品名称	PRKAR2A (7S10) Rabbit Monoclonal Antibody
类别	抗体产品
基因名称	PRKAR2A
推荐应用	WB,IHC-P,IF-P,IF-F,IF-ICC,IP,ELISA
反应种属	Human
存储缓冲液	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Human Gene ID	5576
Human Swissprot No.	P13861
稀释度	IHC-P 1:1000-1:2000;WB 1:2000-1:10000;IF-P/IF-F/IF-ICC 1:200-1:1000;ELISA 1:5000-1:20000;IP 1:50-1:200;
参考分子量	54kDa
预测分子量	46kDa
运输及保存条件	Biological ice bag transportation. Store at -20°C for at least 12 months(Do not lower than -25°C). Avoid freeze/thaw cycles
宿主	Rabbit
同种型	IgG,Kappa
背景介绍	protein kinase cAMP-dependent type II regulatory subunit alpha(PRKAR2A) Homo sapiens cAMP is a signaling molecule important for a variety of cellular functions. cAMP exerts its effects by activating the cAMP-dependent protein kinase, which transduces the signal through phosphorylation of different target proteins. The inactive kinase holoenzyme is a tetramer composed of two regulatory and two catalytic subunits. 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. The protein encoded by this gene is one of the regulatory subunits. This subunit can be phosphorylated by the activated catalytic subunit. It may interact with various A-kinase anchoring proteins and determine the subcellular localization of cAMP-dependent protein kinase. This subunit has b
细胞定位	Cytoplasm . Cell membrane . Colocalizes with PJA2 in the cytoplasm and the cell membrane.
Clonality	Monoclonal