

# PKA RII $\alpha$ (PRKAR2A) Rabbit pAb

货号: **AYP10359**

## 产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB IF/ICC
推荐浓度	<b>WB:</b> 1:1000 - 1:2000 <b>IF/ICC:</b> 1:50 - 1:200
理论分子量	43kDa/45kDa
实测分子量	46kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	HeLa,Jurkat,SW480,LO2,Mouse lung,Rat skeletal muscle
细胞定位	Cell membrane,Cytoplasm
纯化	Affinity purification

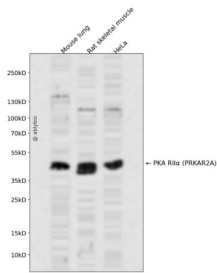
## 抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 1-404 of human PKA RII $\alpha$ (PRKAR2A)/PKR2 (NP_004148.1).
序列	MSHIQIPPLTELLQGYTVEVLRQQPPDLVEFAVEYFTRLREARAPASVLPAAATPRQSLGHPPPEPGPDRVADAKGDSESEE DEDLEVPVPSRFNRRVSVCAETYNPDEEEEDTDPRIHPKTDEQRCRLQEACKDILLFKNLDQEQLSQVLDAMFERIVKAD EHVIDQGDDGDNFYVIERGTYDILVTKDNQTRSVGQYDNRGSFGELALMYNTPRAATIVATSEGLWGLDRVTFRRIVKN NAKKRKMFEFIESVPLLSLEVSRMIVDVIGEKIYKDGRIITQGEKADSFYIIESGEVSLIRSRTKSNKDGGNQEVEIAR CHKGQYFGELALVTNKPRAASAYAVGDVKCLVMDVQAFERLLGPCMDIMKRNISHYEEQLVKMFGSSVDLGNLGG

## 靶点信息

研究背景	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 been shown to regulate protein transport from endosomes to the Golgi apparatus and further to the endoplasmic reticulum (ER).
基因ID	5576
基因名	PRKAR2A
Swiss	P13861
别名	PRKAR2A;PKR2;PRKAR2

## 产品验证



Western blot analysis of PKA RII $\alpha$  (PRKAR2A) expressed in Mouse lung, Rat skeletal muscle, HeLa using PKA RII $\alpha$  (PRKAR2A) Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

## 实验步骤

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