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Phospho-PKA RII alpha (Ser99) (YD16499) Rabbit mAb

货号: AYD11883

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC ICC
推荐浓度	**WB: 1:1000-1：3000:** **IHC-P: 1:100-1:500:** **ICC/IF: 1:100-1:500:**
理论分子量	46kDa
实测分子量	50 kDa
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	HeLa,Jurkat,SW480,LO2,Mouse lung,Rat skeletal muscle
细胞定位	Cytoplasm, Cell membrane
纯化	亲和纯化

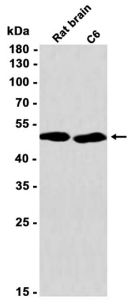
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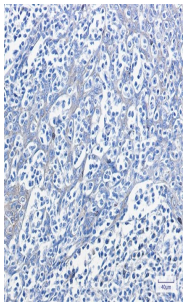
靶点信息

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 (https://www.uniprot.org/uniprotkb/P13861/entry)
别名	Phospho-PKA RII alpha (Ser99) (YD16499),Phospho-PKA RII alpha (Ser99) (YD16499) Rabbit mAb,PRKAR2A,PKR2,PRKAR2

产品验证



Western blot analysis of extracts from C6 cells and Rat brain tissue using AYD11883 at 1:1000.



Immunohistochemical analysis of paraffin-embedded human tonsil using AYD11883 antibody.

实验步骤

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