

产品名称: AR-β1 Rabbit Polyclonal Antibody
产品货号: APRab07194



产品概述 (Summary)

产品名称 (Production Name)	AR-β1 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,ELISA
种属反应性 (Reactivity)	Human,Mouse,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	ADRB1
别名 (Alternative Names)	ADRB1; ADRB1R; B1AR; Beta-1 adrenergic receptor; Beta-1 adrenoreceptor; Beta-1 adrenoceptor
基因 ID (Gene ID)	153.0
蛋白 ID (SwissProt ID)	P08588.The antiserum was produced against synthesized peptide derived from human ADRB1. AA range:281-330

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:200-1:1000,ELISA 1:10000-1:20000
蛋白分子量 (Molecular Weight)	51kDa

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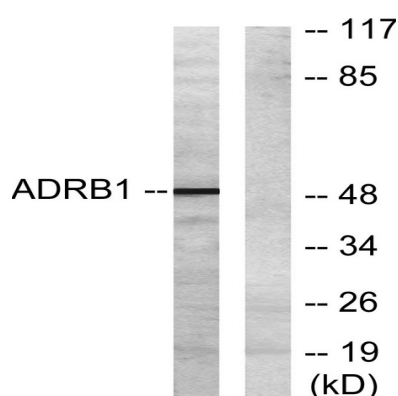
研究背景 (Background)

The adrenergic receptors (subtypes alpha 1, alpha 2, beta 1, and beta 2) are a prototypic family of guanine nucleotide binding regulatory protein-coupled receptors that mediate the physiological effects of the hormone epinephrine and the neurotransmitter norepinephrine. Specific polymorphisms in this gene have been shown to affect the resting heart rate and can be involved in heart failure. [provided by RefSeq, Jul 2008],domain:The PDZ domain-binding motif mediates competitive interactions with GOPC, MAGI3 and DLG4 and plays a role in subcellular location of the receptor.,function:Beta-adrenergic receptors mediate the catecholamine-induced activation of adenylate cyclase through the action of G proteins. This receptor binds epinephrine and norepinephrine with approximately equal affinity.,PTM:Homologous desensitization of the receptor is mediated by its phosphorylation by beta-adrenergic receptor kinase.,similarity:Belongs to the G-protein coupled receptor 1 family.,subcellular location:Localized at the plasma membrane. Found in the Golgi upon GOPC overexpression.,subunit:Interacts with GOPC, MAGI3 and DLG4.,

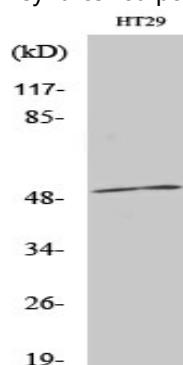
研究领域 (Research Area)

Calcium;Neuroactive ligand-receptor interaction;Endocytosis;Gap junction;Dilated cardiomyopathy;

图片 (Image Data)



Western blot analysis of lysates from HT-29 cells, using ADRB1 Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using AR- β 1 Polyclonal Antibody

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注意事项 (Note)

For research use only .