

产品名称: AR- α 2A Rabbit Polyclonal Antibody
产品货号: APRab07193



产品概述 (Summary)

产品名称 (Production Name)	AR- α 2A Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB, ICC/IF, ELISA
种属反应性 (Reactivity)	Human, Rat, Mouse

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)	ADRA2A ADRA2A; ADRA2R; ADRAR; Alpha-2A adrenergic receptor; Alpha-2 adrenergic receptor subtype C10; Alpha-2A adrenoreceptor; Alpha-2A adrenoceptor; Alpha-2AAR
别名 (Alternative Names)	
基因 ID (Gene ID)	150.0
蛋白 ID (SwissProt ID)	P08913. The antiserum was produced against synthesized peptide derived from human ADRA2A. AA range: 281-330

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000, ICC/IF 1:200-1:1000, ELISA 1:10000-1:20000
蛋白分子量 (Molecular Weight)	50kDa

产品名称: AR- α 2A Rabbit Polyclonal Antibody
产品货号: APRab07193



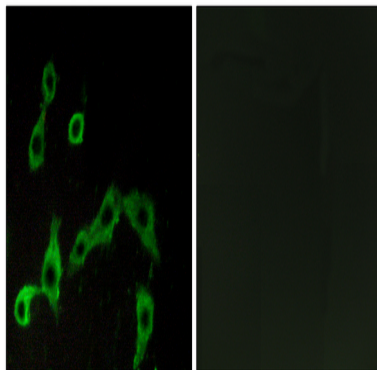
研究背景 (Background)

Alpha-2-adrenergic receptors are members of the G protein-coupled receptor superfamily. They include 3 highly homologous subtypes: alpha2A, alpha2B, and alpha2C. These receptors have a critical role in regulating neurotransmitter release from sympathetic nerves and from adrenergic neurons in the central nervous system. Studies in mouse revealed that both the alpha2A and alpha2C subtypes were required for normal presynaptic control of transmitter release from sympathetic nerves in the heart and from central noradrenergic neurons; the alpha2A subtype inhibited transmitter release at high stimulation frequencies, whereas the alpha2C subtype modulated neurotransmission at lower levels of nerve activity. This gene encodes alpha2A subtype and it contains no introns in either its coding or untranslated sequences. [provided by RefSeq, Jul 2008],function:Alpha-2 adrenergic receptors mediate the catecholamine-induced inhibition of adenylate cyclase through the action of G proteins. The rank order of potency for agonists of this receptor is oxymetazoline > clonidine > epinephrine > norepinephrine > phenylephrine > dopamine > p-synephrine > p-tyramine > serotonin = p-octopamine. For antagonists, the rank order is yohimbine > phentolamine = mianserine > chlorpromazine = spiperone = prazosin > propranolol > alprenolol = pindolol.,similarity:Belongs to the G-protein coupled receptor 1 family.,

研究领域 (Research Area)

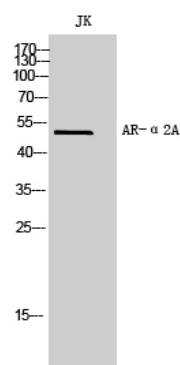
Neuroactive ligand-receptor interaction;

图片 (Image Data)



Immunofluorescence analysis of LOVO cells, using ADRA2A Antibody. The picture on the right is blocked with the synthesized peptide.

产品名称: AR- α 2A Rabbit Polyclonal Antibody
产品货号: APRab07193



Western Blot analysis of JK cells using AR- α 2A Polyclonal Antibody

注意事项 (Note)

For research use only .