

产品名称: AR α 2C Rabbit Polyclonal Antibody
产品货号: AP Rab07085



产品概述 (Summary)

产品名称 (Production Name)	AR α 2C 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)	ADRA2C
别名 (Alternative Names)	ADRA2C; ADRA2L2; ADRA2RL2; Alpha-2C adrenergic receptor; Alpha-2 adrenergic receptor subtype C4; Alpha-2C adrenoreceptor; Alpha-2C adrenoceptor; Alpha-2CAR
基因 ID (Gene ID)	152.0
蛋白 ID (SwissProt ID)	P18825.The antiserum was produced against synthesized peptide derived from human Adrenergic Receptor alpha-2C. AA range:336-385

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 1:5000-1:20000
蛋白分子量 (Molecular Weight)	70kDa

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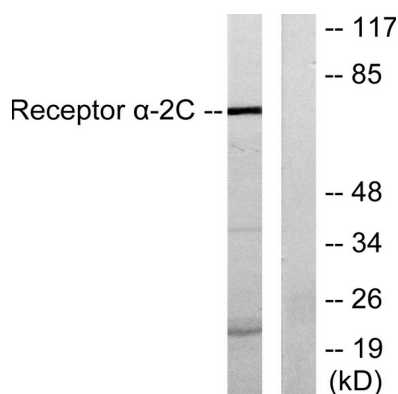
研究背景 (Background)

Alpha-2-adrenergic receptors are members of the G protein-coupled receptor superfamily. They include 3 highly homologous subtypes: α 2A, α 2B, and α 2C. These receptors have a critical role in regulating neurotransmitter release from sympathetic nerves and from adrenergic neurons in the central nervous system. The mouse studies revealed that both the α 2A and α 2C subtypes were required for normal presynaptic control of transmitter release from sympathetic nerves in the heart and from central noradrenergic neurons. The α 2A subtype inhibited transmitter release at high stimulation frequencies, whereas the α 2C subtype modulated neurotransmission at lower levels of nerve activity. This gene encodes the α 2C subtype, which 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.,polymorphism:The Del322-325 variant has a significant loss of function. It is approximately 10 times more frequent in African-Americans compared with Caucasians (allele frequencies 0.381 versus 0.040).,similarity:Belongs to the G-protein coupled receptor 1 family.,

研究领域 (Research Area)

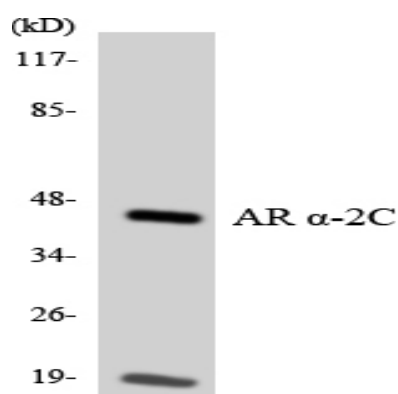
Neuroactive ligand-receptor interaction;

图片 (Image Data)

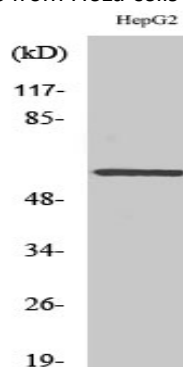


Western blot analysis of lysates from HepG2 cells, using Adrenergic Receptor α -2C Antibody. The lane on the right is blocked with the synthesized peptide.

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Western blot analysis of the lysates from HeLa cells using Adrenergic Receptor α -2C antibody.



Western Blot analysis of various cells using AR α 2C Polyclonal Antibody

注意事项 (Note)

For research use only .