

产品名称: AR- α 1B Rabbit Polyclonal Antibody
产品货号: APRab07191



产品概述 (Summary)

产品名称 (Production Name)	AR- α 1B 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, 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)	ADRA1B
别名 (Alternative Names)	ADRA1B; Alpha-1B adrenergic receptor; Alpha-1B adrenoreceptor; Alpha-1B adrenoceptor
基因 ID (Gene ID)	147.0
蛋白 ID (SwissProt ID)	P35368. The antiserum was produced against synthesized peptide derived from human ADRA1B. AA range: 431-480

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)	60kDa

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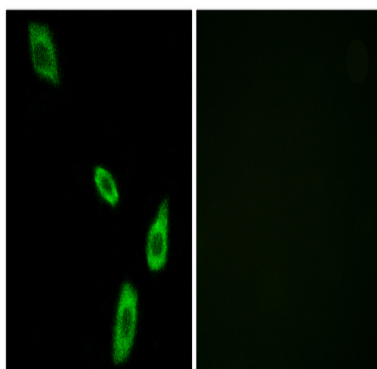
研究背景 (Background)

Alpha-1-adrenergic receptors (alpha-1-ARs) are members of the G protein-coupled receptor superfamily. They activate mitogenic responses and regulate growth and proliferation of many cells. There are 3 alpha-1-AR subtypes: alpha-1A, -1B and -1D, all of which signal through the Gq/11 family of G-proteins and different subtypes show different patterns of activation. This gene encodes alpha-1B-adrenergic receptor, which induces neoplastic transformation when transfected into NIH 3T3 fibroblasts and other cell lines. Thus, this normal cellular gene is identified as a protooncogene. This gene comprises 2 exons and a single large intron of at least 20 kb that interrupts the coding region. [provided by RefSeq, Jul 2008],function:This alpha-adrenergic receptor mediates its action by association with G proteins that activate a phosphatidylinositol-calcium second messenger system.,similarity:Belongs to the G-protein coupled receptor 1 family.,

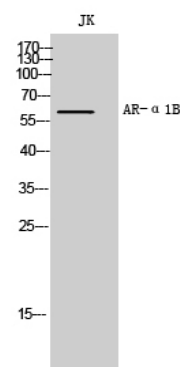
研究领域 (Research Area)

Calcium;Neuroactive ligand-receptor interaction;Vascular smooth muscle contraction;

图片 (Image Data)



Immunofluorescence analysis of LOVO cells, using ADRA1B Antibody. The picture on the right is blocked with the synthesized peptide.



Western Blot analysis of JK cells using AR- α 1B Polyclonal Antibody

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注意事项 (Note)

For research use only .