

产品名称: A Cyclase IV Rabbit Polyclonal Antibody
产品货号: APRab06353



产品概述 (Summary)

产品名称 (Production Name)	A Cyclase IV Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,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)	ADCY4
别名 (Alternative Names)	ADCY4; Adenylate cyclase type 4; ATP pyrophosphate-lyase 4; Adenylate cyclase type IV; Adenylyl cyclase 4
基因 ID (Gene ID)	196883.0
蛋白 ID (SwissProt ID)	Q8NFM4.The antiserum was produced against synthesized peptide derived from human ADCY4. AA range:195-244

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,ELISA 1:10000-1:20000
蛋白分子量 (Molecular Weight)	120kDa

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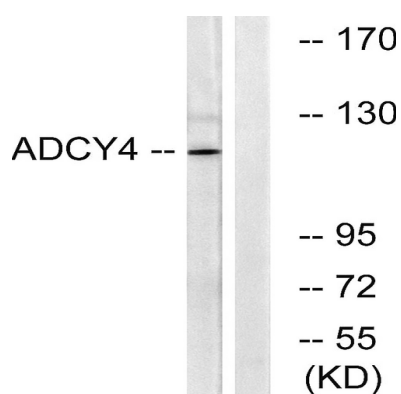
研究背景 (Background)

This gene encodes a member of the family of adenylate cyclases, which are membrane-associated enzymes that catalyze the formation of the secondary messenger cyclic adenosine monophosphate (cAMP). Mouse studies show that adenylate cyclase 4, along with adenylate cyclases 2 and 3, is expressed in olfactory cilia, suggesting that several different adenylate cyclases may couple to olfactory receptors and that there may be multiple receptor-mediated mechanisms for the generation of cAMP signals. Alternative splicing results in transcript variants. [provided by RefSeq, Nov 2010], catalytic activity: ATP = 3',5'-cyclic AMP + diphosphate., cofactor: Binds 2 magnesium ions per subunit., enzyme regulation: Insensitive to calcium/calmodulin. Stimulated by the G protein beta and gamma subunit complex., function: This is a membrane-bound, calmodulin-insensitive adenylyl cyclase., similarity: Belongs to the adenylyl cyclase class-4/guanylyl cyclase family., similarity: Contains 2 guanylate cyclase domains.,

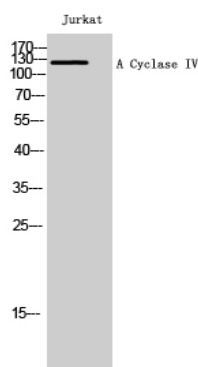
研究领域 (Research Area)

Purine metabolism; Calcium; Chemokine; Oocyte meiosis; Vascular smooth muscle contraction; Gap junction; Taste transduction; GnRH; Progesterone-mediated oocyte maturation; Melanogenesis; Dilated cardiomyopathy;

图片 (Image Data)



Western blot analysis of lysates from Jurkat cells, using ADCY4 Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of Jurkat cells using A Cyclase IV Polyclonal Antibody

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注意事项 (Note)

For research use only .