

产品名称: A Cyclase VII Rabbit Polyclonal Antibody
产品货号: APRab06357



产品概述 (Summary)

产品名称 (Production Name)	A Cyclase VII Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	IHC, ICC, IF, ELISA
种属反应性 (Reactivity)	Human, 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)	ADCY7
别名 (Alternative Names)	ADCY7; KIAA0037; Adenylate cyclase type 7; ATP pyrophosphate-lyase 7; Adenylate cyclase type VII; Adenylyl cyclase 7
基因 ID (Gene ID)	113.0
蛋白 ID (SwissProt ID)	P51828. The antiserum was produced against synthesized peptide derived from human ADCY7. AA range: 191-240

产品应用 (Application)

稀释比 (Dilution Ratio)	IHC 1:100-1:300, ICC/IF 1:200-1:1000, ELISA 1:5000-1:10000
蛋白分子量 (Molecular Weight)	

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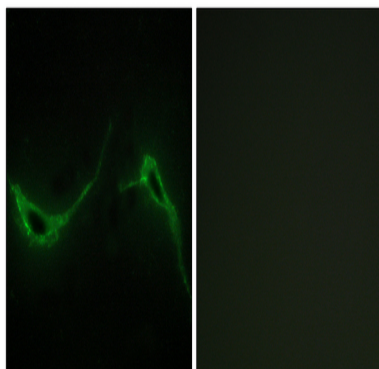
研究背景 (Background)

This gene encodes a membrane-bound adenylate cyclase that catalyses the formation of cyclic AMP from ATP and is inhibitable by calcium. The product of this gene is a member of the adenylyl cyclase class-4/guanylyl cyclase enzyme family that is characterized by the presence of twelve membrane-spanning domains in its sequences. Several transcript variants have been observed for this gene, but the full-length natures of only two have been determined so far. [provided by RefSeq, Oct 2013], catalytic activity: ATP = 3',5'-cyclic AMP + diphosphate., cofactor: Binds 2 magnesium ions per subunit., function: This is a membrane-bound, calcium-inhibitable adenylyl cyclase., similarity: Belongs to the adenylyl cyclase class-4/guanylyl cyclase family., similarity: Contains 2 guanylate cyclase domains.,

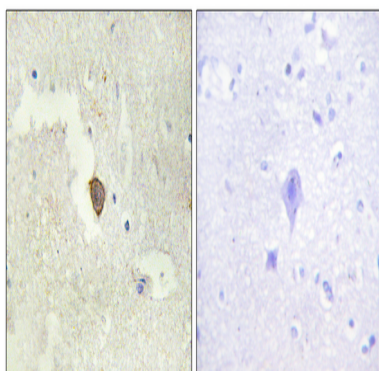
研究领域 (Research Area)

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

图片 (Image Data)



Immunofluorescence analysis of NIH/3T3 cells, using ADCY7 Antibody. The picture on the right is blocked with the synthesized peptide.



Immunohistochemistry analysis of paraffin-embedded human brain tissue, using ADCY7 Antibody. The picture on the right is blocked with the synthesized peptide.

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注意事项 (Note)

For research use only .