

产品名称: A Cyclase VIII Rabbit Polyclonal Antibody
产品货号: APRab06358



产品概述 (Summary)

产品名称 (Production Name)	A Cyclase VIII 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, 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)	ADCY8
别名 (Alternative Names)	ADCY8; Adenylate cyclase type 8; ATP pyrophosphate-lyase 8; Adenylate cyclase type VIII; Adenylyl cyclase 8; AC8; Ca(2+)/calmodulin-activated adenylyl cyclase
基因 ID (Gene ID)	114.0
蛋白 ID (SwissProt ID)	P40145. The antiserum was produced against synthesized peptide derived from human ADCY8. AA range: 591-640

产品应用 (Application)

稀释比 (Dilution Ratio)	IHC 1:100-1:300, ICC/IF 1:200-1:1000, ELISA 1:20000-1:40000
蛋白分子量 (Molecular Weight)	

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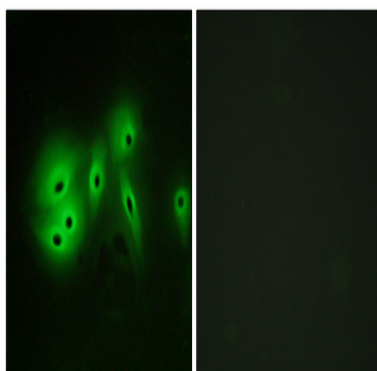
研究背景 (Background)

Adenylate cyclase is a membrane bound enzyme that catalyses the formation of cyclic AMP from ATP. The enzymatic activity is under the control of several hormones, and different polypeptides participate in the transduction of the signal from the receptor to the catalytic moiety. Stimulatory or inhibitory receptors (Rs and Ri) interact with G proteins (Gs and Gi) that exhibit GTPase activity and they modulate the activity of the catalytic subunit of the adenyl cyclase [provided by RefSeq, Jul 2008], catalytic activity: ATP = 3',5'-cyclic AMP + diphosphate., cofactor: Binds 2 magnesium ions per subunit., enzyme regulation: Activated by calcium/calmodulin., function: This is a membrane-bound, calcium-stimulable adenyl cyclase. May be involved in learning, in memory and in drug dependence., similarity: Belongs to the adenyl cyclase class-4/guanylyl cyclase family., similarity: Contains 2 guanylate cyclase domains.,

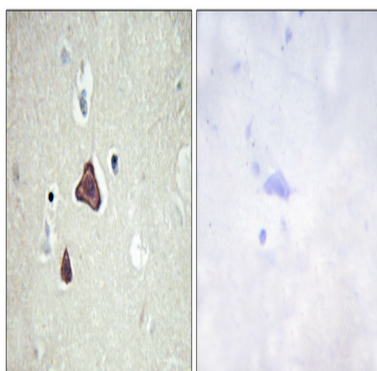
研究领域 (Research Area)

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

图片 (Image Data)



Immunofluorescence analysis of A549 cells, using ADCY8 Antibody. The picture on the right is blocked with the synthesized peptide.



Immunohistochemistry analysis of paraffin-embedded human brain tissue, using ADCY8 Antibody. The picture on the right is

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blocked with the synthesized peptide.

注意事项 (Note)

For research use only .