

产品名称: Adenosine A2A-R Rabbit Polyclonal Antibody
产品货号: APRab06622



产品概述 (Summary)

产品名称 (Production Name)	Adenosine A2A-R 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,Rat,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)	ADORA2A
别名 (Alternative Names)	ADORA2A; ADORA2; Adenosine receptor A2a
基因 ID (Gene ID)	135.0
蛋白 ID (SwissProt ID)	P29274.The antiserum was produced against synthesized peptide derived from human ADORA2A. AA range:120-169

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 1:5000-1:10000
蛋白分子量 (Molecular Weight)	37kDa

研究背景 (Background)

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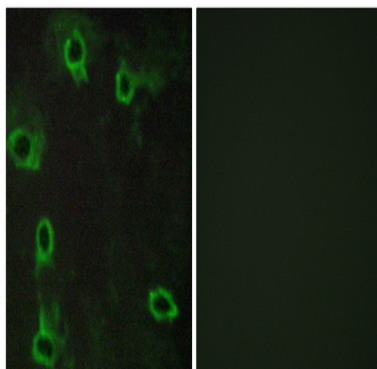


adenosine A2a receptor(ADORA2A) Homo sapiens This gene encodes a member of the guanine nucleotide-binding protein (G protein)-coupled receptor (GPCR) superfamily, which is subdivided into classes and subtypes. The receptors are seven-pass transmembrane proteins that respond to extracellular cues and activate intracellular signal transduction pathways. This protein, an adenosine receptor of A2A subtype, uses adenosine as the preferred endogenous agonist and preferentially interacts with the G(s) and G(olf) family of G proteins to increase intracellular cAMP levels. It plays an important role in many biological functions, such as cardiac rhythm and circulation, cerebral and renal blood flow, immune function, pain regulation, and sleep. It has been implicated in pathophysiological conditions such as inflammatory diseases and neurodegenerative disorders. Alternative splicing results in multiple transcript variants. A read-through transcript composes function: Receptor for adenosine. The activity of this receptor is mediated by G proteins which activate adenylyl cyclase., similarity: Belongs to the G-protein coupled receptor 1 family.,

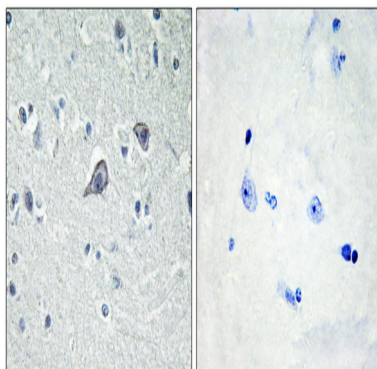
研究领域 (Research Area)

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

图片 (Image Data)

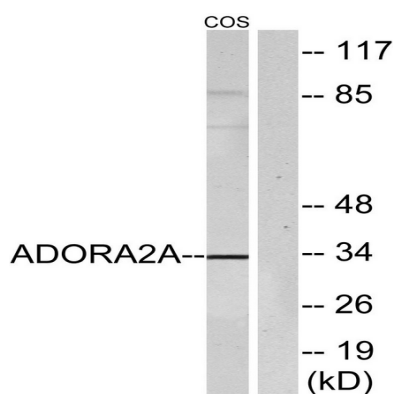


Immunofluorescence analysis of COS7 cells, using ADORA2A Antibody. The picture on the right is blocked with the synthesized peptide.

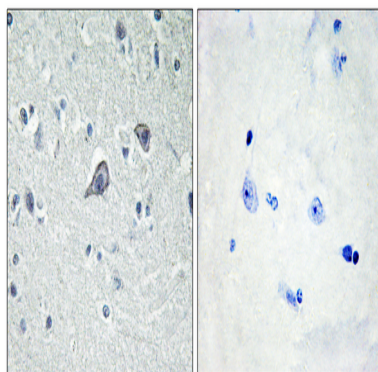


Immunohistochemistry analysis of paraffin-embedded human brain tissue, using ADORA2A Antibody. The picture on the right is blocked with the synthesized peptide.

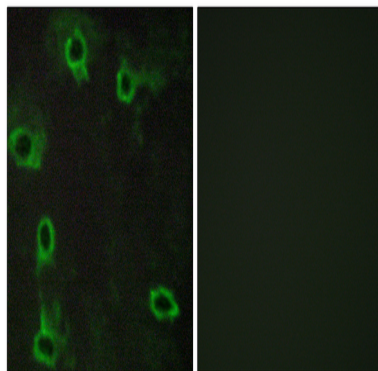
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Western blot analysis of ADORA2A Antibody. The lane on the right is blocked with the ADORA2A peptide.

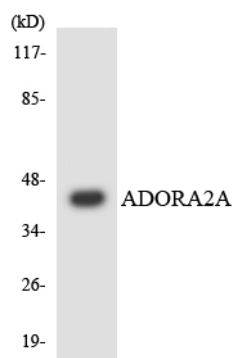


Immunohistochemistry analysis of paraffin-embedded human brain, using ADORA2A Antibody. The lane on the right is blocked with the ADORA2A peptide.



Immunofluorescence analysis of ADORA2A Antibody. The lane on the right is blocked with the ADORA2A peptide.

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Western blot analysis of the lysates from HepG2 cells using ADORA2A antibody.

注意事项 (Note)

For research use only .