

产品名称: CB1 Rabbit Polyclonal Antibody
产品货号: APRab08032



产品概述 (Summary)

产品名称 (Production Name)	CB1 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,Mouse,Rat,Monkey

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)	CNR1
别名 (Alternative Names)	CNR1; CNR; Cannabinoid receptor 1; CB-R; CB1; CANN6
基因 ID (Gene ID)	1268.0
蛋白 ID (SwissProt ID)	P21554.The antiserum was produced against synthesized peptide derived from human CNR1. AA range:151-200

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 1:5000-1:20000
蛋白分子量 (Molecular Weight)	53kDa

研究背景 (Background)

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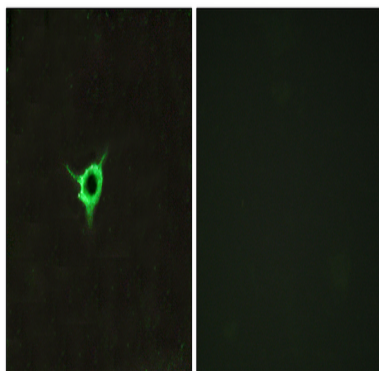


This gene encodes one of two cannabinoid receptors. The cannabinoids, principally delta-9-tetrahydrocannabinol and synthetic analogs, are psychoactive ingredients of marijuana. The cannabinoid receptors are members of the guanine-nucleotide-binding protein (G-protein) coupled receptor family, which inhibit adenylate cyclase activity in a dose-dependent, stereoselective and pertussis toxin-sensitive manner. The two receptors have been found to be involved in the cannabinoid-induced CNS effects (including alterations in mood and cognition) experienced by users of marijuana. Multiple transcript variants encoding two different protein isoforms have been described for this gene. [provided by RefSeq, May 2009],function:Involved in cannabinoid-induced CNS effects. Acts by inhibiting adenylate cyclase. Could be a receptor for anandamide. Inhibits L-type Ca(2+) channel current. Isoform 2 and isoform 3 have altered ligand binding.,similarity:Belongs to the G-protein coupled receptor 1 family.,subunit:Interacts (via C-terminus) with CNRIP1.,tissue specificity:Widely expressed.,

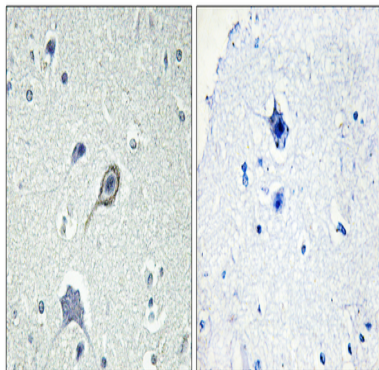
研究领域 (Research Area)

Neuroactive ligand-receptor interaction;

图片 (Image Data)

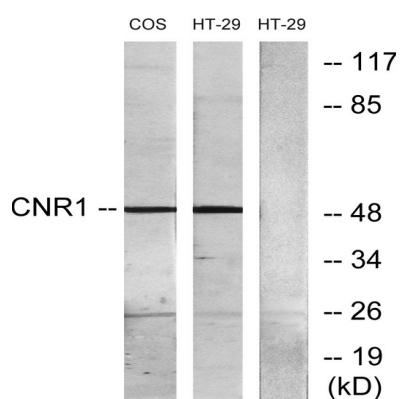


Immunofluorescence analysis of LOVO cells, using CNR1 Antibody. The picture on the right is blocked with the synthesized peptide.

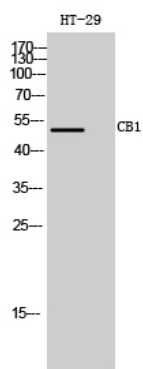


Immunohistochemistry analysis of paraffin-embedded human brain tissue, using CNR1 Antibody. The picture on the right is blocked with the synthesized peptide.

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Western blot analysis of lysates from HT-29 and COS7 cells, using CNR1 Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of HT-29 cells using CB1 Polyclonal Antibody

注意事项 (Note)

For research use only .