

产品名称: SR-1B Rabbit Polyclonal Antibody
产品货号: APRab18243



产品概述 (Summary)

产品名称 (Production Name)	SR-1B 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

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)	HTR1B
别名 (Alternative Names)	HTR1B; HTR1DB; 5-hydroxytryptamine receptor 1B; 5-HT-1B; 5-HT1B; S12; Serotonin 1D beta receptor; 5-HT-1D-beta; Serotonin receptor 1B
基因 ID (Gene ID)	3351.0
蛋白 ID (SwissProt ID)	P28222.The antiserum was produced against synthesized peptide derived from human 5-HT-1B. AA range:201-250

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)	43kDa

产品名称: SR-1B Rabbit Polyclonal Antibody
产品货号: APRab18243



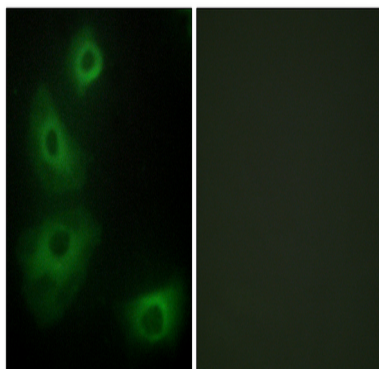
研究背景 (Background)

The protein encoded by this intronless gene is a G-protein coupled receptor for serotonin (5-hydroxytryptamine). Ligand binding activates second messengers that inhibit the activity of adenylate cyclase and manage the release of serotonin, dopamine, and acetylcholine in the brain. The encoded protein may be involved in several neuropsychiatric disorders and therefore is often a target of antidepressant and other psychotherapeutic drugs. [provided by RefSeq, Nov 2015],function:This is one of the several different receptors for 5-hydroxytryptamine (serotonin), a biogenic hormone that functions as a neurotransmitter, a hormone, and a mitogen. The activity of this receptor is mediated by G proteins that inhibit adenylate cyclase activity.,PTM:Palmitoylated.,PTM:Phosphorylated. Desensitization of the receptor may be mediated by its phosphorylation.,similarity:Belongs to the G-protein coupled receptor 1 family.,

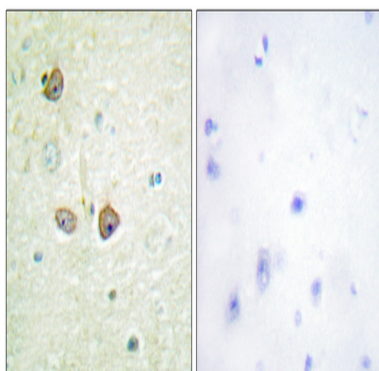
研究领域 (Research Area)

Neuroactive ligand-receptor interaction;

图片 (Image Data)

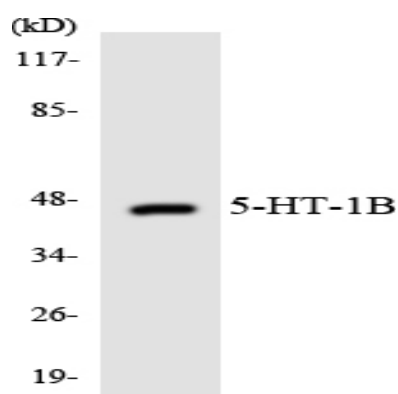


Immunofluorescence analysis of HeLa cells, using 5-HT-1B Antibody. The picture on the right is blocked with the synthesized peptide.



Immunohistochemistry analysis of paraffin-embedded human brain tissue, using 5-HT-1B Antibody. The picture on the right is blocked with the synthesized peptide.

产品名称: SR-1B Rabbit Polyclonal Antibody
产品货号: APRab18243



Western blot analysis of the lysates from HepG2 cells using 5-HT-1B antibody.

注意事项 (Note)

For research use only .