

产品名称: PD2R Rabbit Polyclonal Antibody
产品货号: APRab15875



产品概述 (Summary)

产品名称 (Production Name)	PD2R 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)	PTGDR
别名 (Alternative Names)	PTGDR; Prostaglandin D2 receptor; PGD receptor; PGD2 receptor; Prostanoid DP receptor
基因 ID (Gene ID)	5729.0
蛋白 ID (SwissProt ID)	Q13258.The antiserum was produced against synthesized peptide derived from human PTGDR. AA range:263-312

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)	40kDa

产品名称: PD2R Rabbit Polyclonal Antibody
产品货号: AP Rab15875



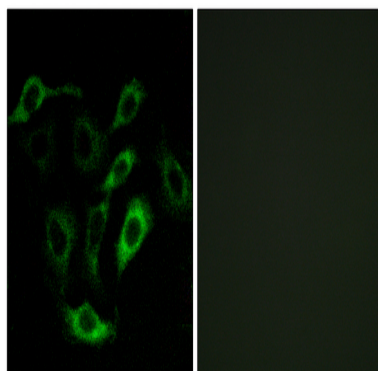
研究背景 (Background)

This gene encodes a member of the guanine nucleotide-binding protein (G protein)-coupled receptor (GPCR) superfamily. The receptors are seven-pass transmembrane proteins that respond to extracellular cues and activate intracellular signal transduction pathways. This protein is reported to be a receptor for prostaglandin D₂, which is a mediator of allergic inflammation and allergic airway inflammation in asthma. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2013], disease: Genetic variations in PTGDR are associated with susceptibility to asthma-related traits type 1 (ASRT1) [MIM:607277]. Asthma-related traits include clinical symptoms of asthma, such as coughing, wheezing and dyspnea., function: Receptor for prostaglandin D₂ (PGD₂). The activity of this receptor is mainly mediated by G(s) proteins that stimulate adenylyl cyclase, resulting in an elevation of intracellular cAMP. A mobilization of calcium is also observed, but without formation of inositol 1,4,5-trisphosphate., similarity: Belongs to the G-protein coupled receptor 1 family., tissue specificity: Expressed in retinal choroid, ciliary epithelium, longitudinal and circular ciliary muscles, iris, small intestine and platelet membranes.,

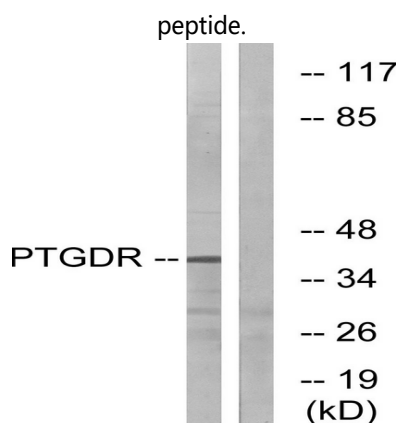
研究领域 (Research Area)

Neuroactive ligand-receptor interaction;

图片 (Image Data)



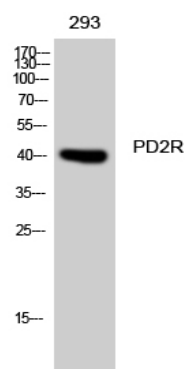
Immunofluorescence analysis of A549 cells, using PTGDR Antibody. The picture on the right is blocked with the synthesized peptide.



产品名称: PD2R Rabbit Polyclonal Antibody
产品货号: APRab15875



Western blot analysis of lysates from HepG2 cells, using PTGDR Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of 293 cells using PD2R Polyclonal Antibody diluted at 1: 1000

注意事项 (Note)

For research use only .