

产品名称: GPRC5B Rabbit Polyclonal Antibody
产品货号: APRab11713



产品概述 (Summary)

产品名称 (Production Name)	GPRC5B Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB, 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)	GPRC5B
别名 (Alternative Names)	GPRC5B; RAIG2; G-protein coupled receptor family C group 5 member B; A-69G12.1; Retinoic acid-induced gene 2 protein; RAIG-2
基因 ID (Gene ID)	51704.0
蛋白 ID (SwissProt ID)	Q9NZH0. The antiserum was produced against synthesized peptide derived from human GPRC5B. AA range: 61-110

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000, ICC/IF 1:200-1:1000, ELISA 1:5000-1:10000
蛋白分子量 (Molecular Weight)	48kDa

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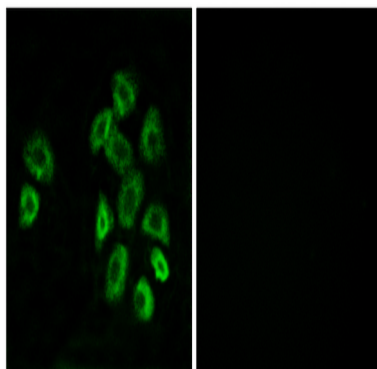
研究背景 (Background)

This gene encodes a member of the type 3 G protein-coupled receptor family. Members of this superfamily are characterized by a signature 7-transmembrane domain motif. The encoded protein may modulate insulin secretion and increased protein expression is associated with type 2 diabetes. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2015], caution: It is uncertain whether Met-1 or Met-9 is the initiator., function: Unknown. This retinoic acid-inducible G-protein coupled receptor provide evidence for a possible interaction between retinoid and G-protein signaling pathways., induction: By all-trans retinoic acid (ATRA), similarity: Belongs to the G-protein coupled receptor 3 family., subcellular location: Localized in the plasma membrane and perinuclear vesicles., tissue specificity: Expression is high in kidney, pancreas, and testis, medium in brain, heart, prostate, small intestine, and spleen, low in liver, placenta, skeletal muscle, colon, ovary, and thymus, and not detectable in lung and peripheral leukocyte. According to PubMed:10945465: highly expressed in most brain areas examined, with the highest levels observed in corpus callosum, caudate nucleus, putamen, substantia nigra, thalamus, hippocampus, and spinal chord as well as in dorsal root ganglia (DRG). In the periphery, expression levels are relatively low, compared to the CNS, with the strongest expression detected in pancreas, testis, uterus, and stomach.,

研究领域 (Research Area)

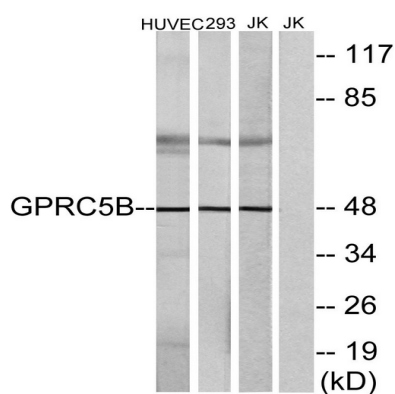
Neuroscience

图片 (Image Data)



Immunofluorescence analysis of MCF7 cells, using GPRC5B Antibody. The picture on the right is blocked with the synthesized peptide.

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Western blot analysis of lysates from Jurkat, HUVEC, and 293 cells, using GPRC5B Antibody. The lane on the right is blocked with the synthesized peptide.

注意事项 (Note)

For research use only .